2019 UPDATE

NNPC

APTITUDE TEST STUDY PACK

FOR GRADUATE TRAINEE AND EXPERIENCED HIRE

Complete Preparation Resource

TESTSTREAMS

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ABOUT THIS PRACTICE PACK

Use this practice pack to extend your practice for the NNPC aptitude test.

TEST FORMAT

This practice pack comprises of 5 sets of questions. Each set contains

20 MATHEMATICS
20 ENGLISH
10 SPATIAL REASONING
10 CURRENT AFFAIRS

ENGLISH Section will include Comprehension and fill in the gap questions.

TIME: 60Minutes / 60 questions.

Here's a word of advice... Beyond just reading, please make sure you set a timer for yourself, and practice each section according to the allotted time. Your **Speed** and **Accuracy** is key! Also be current with the news and happenings in Nigeria. Goodluck.

Important Notice: You can find all the answers to the questions in the answer key section - at the end of each set.

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SET 1

MATHEMATICS

1. Find the number of term of the sequence that will make up 240. The given sequence are 13, 16, 19, 22, ...

A. 9

B. 17

C. 27

D. 29

2. If the second and fourth terms of a G.P. are 8 and 32 respectively, what is the sum of the first four terms?

A. 28

B. 40

C. 48

D. 60

3. Calculate the sum of the tenth terms of the G.P. 5, $-2^{1}/_{2}$, $1^{1}/_{4}$ .....

A. 4.77

B. 3.34

C. 6.852

D. 11.27

4. If the 8th term of an A.P. is twice the 4th term and the sum of the first 5 terms is 47, find the common difference.

A. 6.31

B. 3.13

C. 4.42

D. 2.24

5. The 4th term of an A. P. is 13 while the 10th term is 31. Find the 21st term.

A. 175.

B. 85.

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C. 64.

D. 45.

6. The first and last term of an A.P. are 10 and 90, if the sum of term is 750, the number of terms is used to find the common difference if the sum is 1400.

A. 11.90

B. 10.90

C. 12.90

D. 5.7

7. Find the sum of 7th term of the G.P.

12, 6, 3. Find the sum to infinity.

A. 14

B. 16

C. 40

D. 24

8. Find the nth term of the given progression 36, 12, 4,.....

A. 14^{n+1}

B. 12^{n-1}

C. 12^{n+1}

D. 14^{n-1}

9. The twelfth term of an arithmetical progression is twice the sixth term. The first term is equal to

A. the common difference.

B. half of the common difference.

C. zero.

D. double the common difference.

10. Find the sum of 22 terms of an A.P. 4, 6, 8.

A. 550

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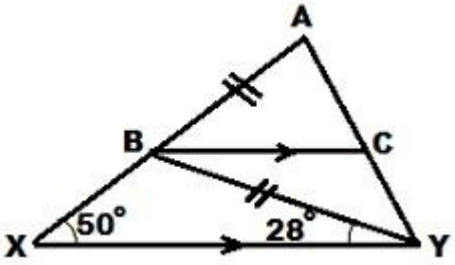
B. 650

C. 750

D. 450

11. In the figure drawn, BC||XY; BXY = 50, BYX = 28 and |AB| = |BY|. Calculate ACB.



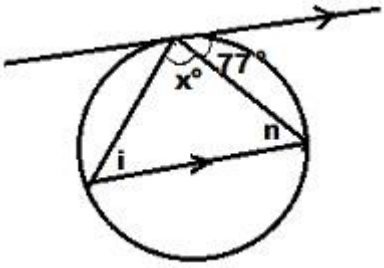
A. 102°

B. 79°

C. 78°

D. 51°

12. Find the value of x in the figure drawn.



A. 26°

B. 34°

C. 154°

D. 77°

13. Calculate the interior angles of a regular 15 - sided polygon.

A. 2340°

B. 180°

C. 156°

D. 30°

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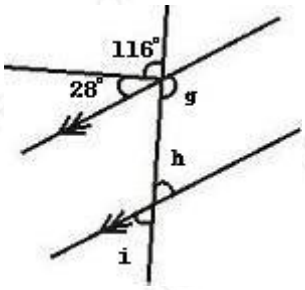
14. Find the angle h in the diagram drawn.



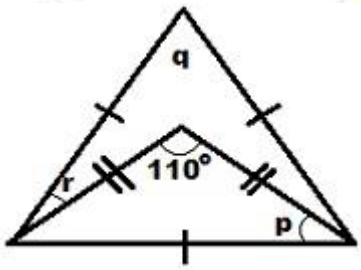
A. 144°

B. 116°

C. 36°

D. 28°

15. Calculate the size of p, q and r respectively, in the figure drawn.



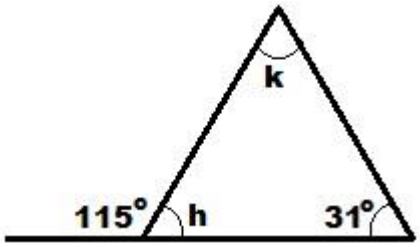
A. 35°, 75°, 25°

B. 60°, 35°, 110°

C. 75°, 60°, 25°

D. 35°, 60°, 25°

16. Calculate the size of k and h in the figure drawn.



A. 84°, 65°

B. 65°, 31°

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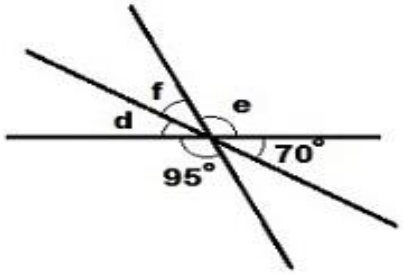
C. 31°, 84°

D. 115°, 84°

17. Find the angle f in the figure drawn.



A. 15°

B. 70°

C. 95°

D. 165°

18. Each of the angles of a polygon is 140°. Find the number of sides that the polygon has.

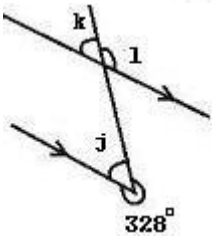
A. 11

B. 13

C. 7

D. 9

19. Find the angle k in the diagram drawn.



A. 58°

B. 32°

C. 328°

D. 148°

20. Find the value of x in the figure drawn and state what type of triangle it is.

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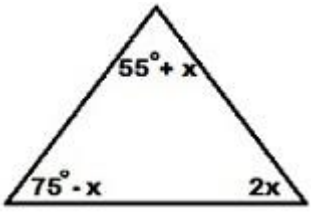

A. 55° and it is a scalene triangle

B. 75° and it is an equilateral triangle

C. 25° and it is an isosceles triangle

D. 20° and it is an obtuse triangle

ANSWERS AND EXPLANATION
MATHHEMATICS

ANSWERS				
1. A	2. D	3. B	4. B	5. C
6. A	7. D	8. B	9. A	10. A
11. B	12. A	13. C	14. C	15. D
16. A	17. A	18. D	19. B	20. C

EXPLANATIONS

1. The correct answer is option [A]. Solution: Hint [The question forms A.P.]. Using the equation $S_n = {}^{[n \quad 2a + (n-1)\,d]}/_{2}$, where a = 13, d = 3, S_n = 240. Solve using the formula given.

2. The correct answer is option [D].

The general form of a G.P. is a, ar, ar^2,....., ar^{n-1} (for n terms).
Here ar =second term = 8; ar^3 = fourth term = 32. [$ar^3/ar = r^2$]
${}^{32}/_{8} = 4 = r^2$ (r = (4 = 2 (where r=common ratio, a = 1st term).
For ar = 8
2a = 8
a = 4
For r >1, sum =
${}^{a[rn-1]}/_{r-1}$,

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where n = 4, r = 2, a = 4.

Then $^{4[24-1]}/_{2-1} = ^{4 \times 15}/_{1} = 60$.

3. The correct answer is option [B]. Solution: Use the equation $S_n = ^{[a\ \ (1-rn)]}/_{[1-r]}$, since the common ratio is less than 1 and a = 5, r = -0.5, n = 10.

4. The correct answer is option [B]. Solution: $U_n = a + [n - 1]d$; $U_8 = 2U_4$; $U_8 = a + [n - 1]d$,

where n = 8; $2U_4 = 2[a + (n - 1)d]$, where n = 4; a + [8 - 1]d

= 2[a + (4 - 1)d]; a + 7d = 2[a + 3d]; a + 7d = 2a + 6d; 7d - 6d = 2a -a; d = a.....[i];

$S_n = ^{[n\ \ 2a+(n-1)d]}/_{2}$; $S_5 = ^{[5\ \ 2a+(5-1)d]}/_{2} = 47$; 2.5[2a + 4d]; recall that a = d,

therefore, 2d + 4d = $^{47}/_{2.5}$; 6d = 18.8; d = $^{18.8}/_{6} = 3.13$.

5. The correct answer is option [C]. Solution:

The 4th term = a + 3d;

The 10th term = a + 9d;

a + 3d = 13 ------ [i];

a + 9d = 31 ------ [ii];

Subtract equation [i] from [ii]

-6d = -18; d = 3;

a + 3[3] = 13;

a = 13 - 9 = 4

Therefore, the 21st term = a + 20d = 4 + 20[3] = 64.

6. The correct answer is option [A]. Solution: Using $L = ^{n\ \ [2a+(n-1)d]}/_{2}$, where L = 1400, n = 15, a = 10; $1400 = ^{[15\ \ [2a+(15-1)d]}/_{2}$ $^{[2\ \ 1400]}/_{15} = [2(10) + 14d]$; 186.67 = 20 + 14d; 14d = 186.67 - 20, therefore, d = $^{166.67}/_{14} = 11.90$.

7. The correct answer is option [D]. Solution: a = 12, r = $^{1}/_{2}$. Using the equation $S = ^{a}/_{[1-r]} = ^{12}/_{[1-{}^{1}/_{2}]} = ^{12}/_{0.5} = 24$.

8. The correct answer is option [B]. Solution: Common ratio, r = $^{12}/_{36}$, $^{4}/_{12} = ^{1}/_{3}$ and a = 36, therefore, $T_n = ar^{[n-1]} = 36[^{1}/_{3}]^{n-1} = 12^{n-1}$.

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9. The correct answer is option [A]. Solution: Sixth term = a + 5d; Twelfth term = a + 11d 2[a + 5d] = a + 11d, since the twelfth term is twice the sixth term 2a + 10d = a + 11d; 2a – a = 11d – 10d; a = d = the common difference.

10. The correct answer is option [A]. Solution: a = 4, d = 2, n = 22. $S_n = {}^{[n}\ {}^{[2a + (n - 1)d]}/_2$

$= {}^{[22}\ {}^{2(4) + [22 - 1](2)]}/_2$ 11 [8 + (21)2] = 11 [8 + 42] = 11 50 = 550.

11. **The correct answer is option [B]**

$\hat{YBC} = \hat{BYX} = 28°$ (Alternate angles are equal)

$\hat{ABC} = 180° - (102 + 28)° = 50°$

$\therefore \hat{BXY} = 180° - (50 + 28)°$

$= 180° - 78° = 102°$

$\therefore \hat{ABY} = 180° - 102° = 78°$

$\hat{BYA} = \hat{YAB} = (180 - 78)$ 2 (Base ∠'s of an isosceles Δ)

$= \frac{102}{2} = 51$

$\therefore \hat{ACB} = 180° - (50 + 51)°$

$= 180° - 101°$

$= 79°$

12. **The correct answer is option [A]**

i = 77° (angle btwn a tangent to a circle and a chord through the point of contact in the alternate segment)

n = 77° (alternate angles are equal)

x = 180° - (77 + 77)°

= 180° - 154°

= 26°

13. **The correct answer is option [C]**

No. of sides = 15

sum of angles of a polygon = (n - 2) x 180

Let x = interior angle

(15 - 2)180 = 15x

15x = 13 x 180°

= 2340°

$x = \frac{2340}{15}$

= 156° each

14. The correct answer is option [C]. Solution: Since g = 144°; h = 180 – 144 = 36° [interior angles is equal to 180°].

15. **The correct answer is option [D]**

$p = \frac{(180 - 110)°}{2}$ —— (Base ∠'s of isosceles Δ)

$= \frac{70}{2} = 35°$

q = (r + 35) —— (Equal ∠'s of equilateral Δ)

∴ (r + 35) + (r + 35) + (r + 35) = 180°

==> 3r + 105° = 180°

3r = 180° - 105° = 75°

$r = \frac{75}{3} = 25°$

∴ q = 25° + 35° = 60°

p = 35°, r = 25°, q = 60°

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16. **The correct answer is option [A]**

$115^\circ = 31^\circ + k$ (ext ∠ = sum of interior opposite ∠)

$\therefore \quad k = 115^\circ - 31^\circ = 84^\circ$

$h = 180^\circ - (84 + 31)^\circ = 65^\circ$

17. **The correct option is option [A]**

$f = 360^\circ - (95 + 70)$

$= 180^\circ - 165$

$= 15^\circ$ (sum of ∠'s on a straight line is 180°)

18. **The correct answer is option [D]**

Let the polygon have n sides

sum of angles in a polygon = $(n - 2) \times 180^\circ$

$(n - 2)180^\circ = 140 \times n = 140n^\circ$

$180n - 360 = 140n$

$40n^\circ = 360^\circ$

$n = \frac{360}{40}$

$n = 9$

19. The correct answer is option [B]. Solution: j = 360 -328 [reflex angle]; 360 - 328 = 32°; k = j = 32° [corresponding angles are equal].

20. **The correct answer is option [C]**

The sum of ∠'s in a △ = 180°

$\Rightarrow 55^\circ + x + 75^\circ - x + 2x = 180^\circ$

$130^\circ + 2x = 180^\circ$

$2x = 180^\circ - 130^\circ = 50^\circ$

$x = \frac{50}{2} = 25^\circ$

It is an isosceles triangle since two sides have the same size of angle.

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ENGLISH LANGUAGUE

Read the passage carefully and answer the question.

Chike must have passed the house five times, yet he was still not sure. Was this the house he had visited so often in the past? The house he used to visit was a bungalow, but this house was also a bungalow. The old house was situated between two-storey buildings; this one too was so situated. But inspite of this feeling of certainty, Chike had a vague suspicion that the house he had passed so often that day might be the wrong house after all. Could an absence of two years have blurred his memory so badly?

After a few moments of hesitation, Chike began to move towards the house and then stopped as if held back by an invisible hand. His attention had been distracted by a girl of about twenty-four, who was tripping along the pavement to his right. He turned and advanced towards her, and was about to call her by what he felt was her name when he discovered that he had made a mistake in respect of her identity.

Just as Chike turned from the girl to continue his quest, he heard voices shouting 'thief! thief!' and saw a crowd materialize in seconds. At the head of this justice-impelled rabble was a ludicrously fat woman who inspite of her size, bounced along with the agility of a prize athlete. This barrel bellowed loudest and clapped her hands vigorously to punctuate her outburst. And as she did so, the surplus flesh on her podgy arms quivered. 'They are all the same!' the woman screamed, addressing nobody in particular. 'They dress gorgeously, but underneath they are rogues'.

Again, she clapped her hands and again, there was a quivering of loose flesh. Chike was so busily occupied with watching the antics of this woman that he did not notice at first that the object of her venom was the girl that he had seen earlier. It was this girl that was now surrounded by the crowd, with many people groaning, sighing and hissing in unison.

Chike relaxed and prepared to watch the drama unfolding before him.

1. Many people in the crowd groaned, sighed and hissed because they were _____.

A. angry with the girl

B. sorry for the girl

C. sorry for the fat woman

D. angry that the woman lied

2. Chike left the girl alone because he _____.

A. discovered that she was a thief

B. was afraid of the fat woman

C. did not know her

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D. did not like her

3. The expression 'justice-impelled' in the passage refers to the desire of the crowd to _____.

A. see that the case was taken before a judge

B. take the thief to the police station

C. try the thief immediately

D. see that there was fair play

4. The impression one has of the fat woman described in the passage is that she is _____.

A. the thief

B. paranoid

C. overzealous

D. domineering

5. The expression 'blurred his memory' means that his memory was _____.

A. confused

B. erased

C. damaged

D. distorted

The correct answer is option [D]

One fact we have to comprehend is that in our unconscious mind, we cannot distinguish between a wish and a deed. We are all aware of some of our illogical dreams in which two completely opposite statements can exist side by side - very acceptable in our dreams but unthinkable and illogical in our waking state.

Just as our unconscious mind cannot differentiate between the wish to kill somebody in anger and the act of having done so, the young child is unable to make this distinction. The child who angrily wishes his mother to drop dead for not having gratified his need will be traumatized greatly by the actual death of his mother - even if this event is not linked closely in time with his destructive wishes.

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He will always take part of or the whole of the blame for the loss of his mother. He will say to himself - rarely to others - 'I did it. I am responsible. I was bad, therefore mummy left me'. It is well to remember that the child will react in the same manner if he loses a parent by divorce, separation or desertion.

Death is often seen by the child as an impeachment and therefore has little distinction from a divorce in which he may have an opportunity to see a parent again

6. Our unconscious minds and dreams are alike in that _____.

A. both are out of our control

B. both can accommodate contradictions

C. neither functions in a continuous manner

D. both deal with non-real issues

7. From the child's point of view, in what ways is death likened to divorce?

A. Both are losses.

B. Both are temporary.

C. Both would involve his mother.

D. Both are consequences of his wishes.

8. This passage emphasizes _____.

A. the young child growing up in ignorance

B. our unconscious mind

C. a child's inability to distinguish between imagination and reality

D. illogical dreams and wishes

9. The child would feel responsible for his mother's death even if it is unconnected with his wishes because _____.

A. he regards his wishes as a curse

B. he hates her and wants her dead

C. his needs are gratified

D. he cannot distinguish between imagination and reality

10. 'Traumatized' as used in the passage means _____.

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A. angered

B. happy and satisfied

C. sad and dejected

D. feel guiltless

From the words lettered A-E, choose the word that has the same consonant sound(s) as the one represented by the letter(s) underlined.

11. crun**ch**

A. chef

B. chemist

C. champagne

D. chart

E. chandelier

From the words lettered A-E, choose the word that has the same vowel sound as the one represented by the letter(s) underlined.

12. b**ir**th

A. journal

B. berth

C. path

D. tour

E. armour

From the options lettered A to E, choose the word that has the sound represented by the given phonetic symbol.

13. /tʃ/

A. cheer

B. gear

C. just

D. share

E. soldier

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From the options lettered A to E, choose the word that has the sound represented by the given phonetic symbol.

14. /w/

A. once

B. languor

C. ewe

D. sew

E. who

From the options lettered A - D, choose the given word with the correct STRESS PATTERN:

15. Agriculture

A. aGRIculture

B. AGriculture

C. agriCULture

D. agriculTURE

Choose from the options lettered A to E, the one that has the sound represented by the given phonetic symbol.

16. /ʃ/

A. pressure

B. measure

C. scratch

D. mission

E. hears

From the words lettered A-E, choose the word that has the same vowel sound as the one represented by the letter(s) underlined.

17. s**ea**t

A. sit

B. cite

C. set

D. key

E. sight

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Choose the word that has the same vowel sound as the one represented by the underlined letters.

18. h**ea**d

A. heed

B. ingrate

C. job

D. red

E. hear

Choose from the options lettered A to E, the one that has the sound represented by the given phonetic symbol.

19. /i:/

A. receive

B. head

C. weapon

D. peasant

E. pear

From the options lettered A - E, choose the word that contains the same sound as the capital letters in the word below:

20. THose

A. Do

B. This

C. Think

D. Dough

E. Thorough

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ANSWERS AND EXPLANATION
ENGLISH LANGUAGE

ANSWERS				
1. A	2. C	3. D	4. C	5. D
6. B	7. A	8. C	9. D	10. C
11. D	12. B	13. A	14. A	15. B
16. D	17. D	18. D	19. A	20. B

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CURRENT AFFAIRS

1. In Nigeria, **PTDF** is known As_____.

A. Petroleum Training and Development Foundation

B. Petroleum Technical Development Funds

C. Petroleum Trust Development Fund

D. Petroleum Training Development Fund

2. In Nigeria, **NITDA** is known as_____.

A. National Information Technology Development Agency

B. Nigerian Information Technology Development Agency

C. National Information Technology Development Authority

D. National Institute of Technology Development Agency

3. In Nigeria, **PENGASSAN** stands for_____.

A. Petroleum Natural Gas Senior Staff of Nigeria

B. Petroleum and Natural Gas Senior Staff Association of Nigeria

C. Petroleum and Natural Gas Association of Senior Staff of Nigeria

D. Petrol and Natural Gas Association of Senior Staff of Nigeria

4. In Nigeria, **NAICOM** is known as_____ .

A. National Insurance Commission

B. Nigerian Agency of Insurance Commission

C. National Investment Commission

D. Nigerian Agency of Investment Commission

5 In Nigeria, **FIRS** is known as _____.

A. Federal Inland Responsibility Service

B. Federal Inland Regulatory Service

C. Federal Inland Revenue Service

D. Federal Inland Resource Service

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6. In, the first Aeroplane in Nigeria landed in Kano State.

A. 1925

B. 1937

C. 1961

D. 1955

7. In February 2013, awarded the Minister, the 2012 Champion Man of the year.

A. Guardian Newspaper

B. Champion Newspaper

C. Champion Magazine

D. Silver bird Group

8.. Heathrow Airport is a based airport.

A. London

B. Paris

C. Germany

D. China

9. Which of the following airlines operating in Nigeria is not a domestic airline?

A. ADC Airline

B. KLM Airline

C. Chanchiang Airline

D. Sosoliso Airline

10. Nigeria has a total of airports operated by the Federal Airports Authority of Nigeria.

A. 22

B. 21

C. 23

D. 24

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ANSWERS AND EXPLANATION

CURRENT AFFAIRS

ANSWERS				
1. C	2. A	3. B	4. A	5. C
6. A	7. B	8. A	9. B	10. A

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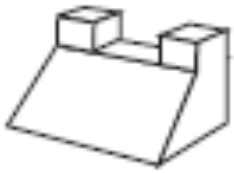
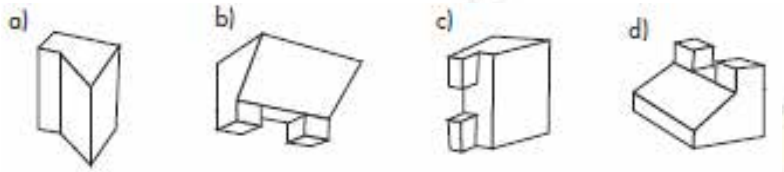
SPATIAL REASONNING

Instruction: In section, you will be rotating solid three-dimensional blocks of various shapes in order to enhance your ability to think in three-dimensions. For each numbered shape you will find four options which may represent that numbered shape rotated 360 degrees in any direction. Choose the option which is the only one that could be the given shape, rotated.

1.





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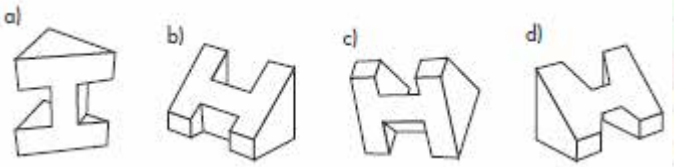

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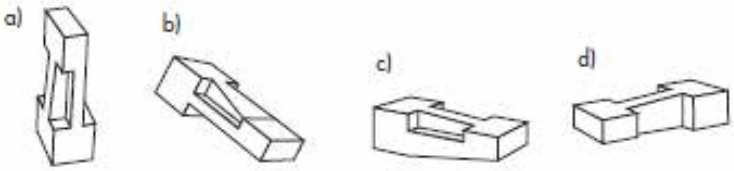

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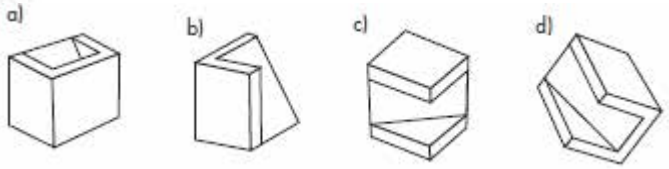

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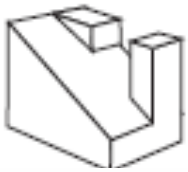

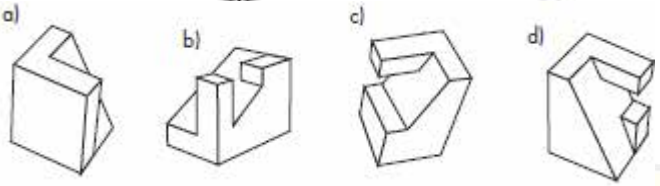

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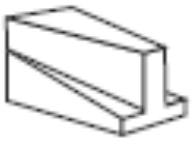

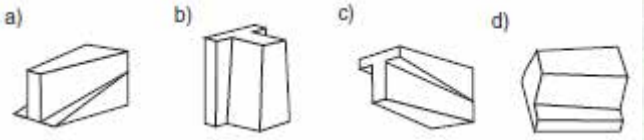

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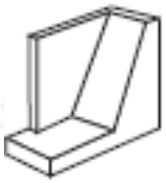

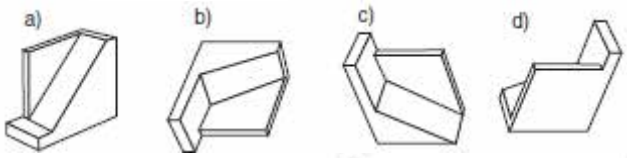

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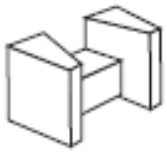
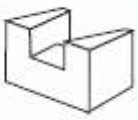
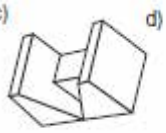


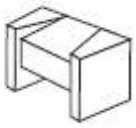
a)



c)

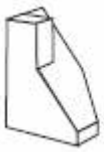


d)

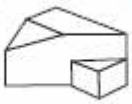


9.

a)

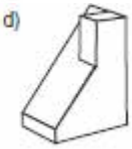


b)



c)

d)



10.

a)

b)

c)

d)

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ANSWERS AND EXPLANATION
SPARTIAL REASONNING

ANSWERS				
1. B	2. C	3. A	4. D	5. B
6. C	7. D	8. B	9. A	10. C

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

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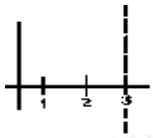
SET 2

MATHEMATICS

1. The inequality equation given is y < 3 which of the following diagrams explains the equation?

A.

B.

C. 

D.

2. The product of two consecutive positive even numbers is 288. By constructing a quadratic equation and solving it, find the two numbers.

A. 14

B. 20

C. 7

D. 10

3. If Boneri adds 2 to the numerator of a fraction, the fraction becomes $^1/_3$. If he subtracts 3 from the denominator of the fraction, it becomes $^1/_4$. What is the fraction?

A. $^1/_5$

B. $^2/_5$

C. $^3/_5$

D. $^4/_5$

4. Given that P = {x: 1 ≤ x ≤ 6} and Q = {x: 2 < x < 10}, where x is an integer. Find n (P ∩ Q).

A. 4

B. 6

C. 8

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D. 10

5. Solve the equation $[x + 3] [x + 1] > 9 + x^2$.

A. $x < 1^1/_2$

B. $x \quad 1^1/_2$

C. $x > 1^1/_2$

D. $x \quad 1^1/_2$

6. One third of a number y is subtracted from 5 and the result is at most 3. What is the range of values of y?

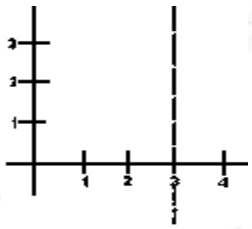
A. $y > 6$

B. $y \geq 6$

C. $y \leq 6$

D. $y < -6$

7. From the given diagram drawn, what is the inequality equation?



A. $x > -3$

B. $x \quad 3$

C. $x > 3$

D. $x \quad -3$

8. The perimeter of a rectangle is 42cm and its area is $68cm^2$. Find its length and breadth.

A. 17cm ; 3cm

B. 14cm ; 3cm

C. 17cm ; 4cm

D. 21cm ; 2cm

9. Complete the table giving the values for the relation $y = 2x^2 + x - 7$, find the value of A.

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x	-3	-2	-1	0	1	2	3
y	8	A	-6	-7	-4	B	C

A. 3

B. 14

C. -1

D. 6

10. Given that T = {x: $-2 < x \leq 9$} where x is an integer. What is n (T)?

A. 9

B. 10

C. 11

D. 12

11. Factorize $x^2 - 8x + 15$.

A. (x + 5)(x + 3)

B. (x + 15)(x - 1)

C. (x + 15)(x +1)

D. (x - 5)(x - 3)

12. Factorize: x + y - ax - ay.

A. (x - y)(1 - a)

B. (x + y)(1 + a)

C. (x + y)(1 - a)

D. (x - y)(1 + a)

13. Find the roots of the equation $2x^2 - 3x - 2 = 0$.

A. x = - 2 or $^1/_2$

B. x = - 2 or 1

C. x = - 2 or 2

D. x = $^1/_2$ or 2

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14. Factorize $a^2 - b^2 + ap - bq + bq + aq$.

A. $(a - b)(a - b + p - q)$

B. $(a + b)(a - b + p - q)$

C. $(b + p)(a - b + p - q)$

D. $(p - q)(a - b + p - q)$

15. Solve by factorization $x^2 + 7x + 10 = 0$.

A. 10 and -7

B. -5 and -2

C. -3 and 5

D. -7 and 10

16. Find the value of p if $y - 2$ is a factor of $y^2 - py - 10$.

A. -2

B. -3

C. 2

D. 3

17. Solve $9x(x + 1) = 4$.

A. $-1/3$ or $4/3$

B. $-1/3$ or $-4/3$

C. $1/3$ or $-4/3$

D. $1/3$ or $4/3$

18. If $f(x\ 2) = 4x^2 + x + 7$ find f(1).

A. 46

B. 27

C. 7

D. 12

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19. Find the sum of 25a - 15b + c, 13a - 10b + 4c and a + 20b - c.

A. 12a - 5b + 5c

B. 12a + 5b - 5c

C. 13a + 5b + 4c

D. 39a - 5b + 4c

20. **Simplify** $\frac{[b^2 + c^2 + bc]}{[b + c]} - \frac{[b^2 - c^2 - bc]}{[b - c]}$

A. $[2c^2]/[c - b]$

B. $2c/[c - b]$

C. $[2c^2]/[c + b]$

D. $2c/[c + b]$

ANSWERS AND EXPLANATION
MATHHEMATICS

ANSWERS				
21. C	22. A	23. A	24. A	25. C
26. C	27. C	28. C	29. C	30. C
31. D	32. C	33. D	34. B	35. B
36. B	37. C	38. D	39. D	40. C

EXPLANATION

1. The correct answer is option [C]. Solution:

The broken lines = < or > while the unbroken lines = or

The unshaded portion is the required region.

2. The correct answer is option [A]. Solution: $[x + 2][x + 4] = 288$; $x^2 + 6x + 8 = 288$; $x^2 + 6x - 280 = 0$; $x[x + 20] - 14[x + 20] = 0 \rightarrow [x - 14][x + 20] = 0$, therefore, $x = 14$ or -20. The number is 14.

3. The correct answer is option [A]. Solution: Let the fraction be $^{x}/_{y}$. $^{x+2}/_{y} = {}^{1}/_{3}$;

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3[x + 2] = y; 3x + 6 = y ----- [i];

$^{x}/_{y-3} = {}^{1}/_{4}$; 4x = y – 3 ------ [ii].

Substitute y in equation [i] into equation [ii];

4x = 3x + 6 – 3; 4x – 3x = 3,

Therefore, x = 3; y = 3x + 6 y = 3[3] + 6 = 9 + 6 = 15.

The fraction $^{x}/_{y} = {}^{3}/_{15} = {}^{1}/_{5}$.

4. The correct answer is option [A].

5. The correct answer is option [C].

Solution: $[x + 3][x = 1] > 9 + x^2$.

Expand

$x^2 + 4x + 3 > 9 + x^2$ $4x > 9 - 3$ $x > {}^{6}/_{4}$.

Therefore, $x > {}^{1}/_{2}$.

6. The correct answer is option [C].

7. The correct answer is option [C]. Solution:

The broken lines = < or > while the unbroken lines = ≤ or

The unshaded portion is the required region.

8. The correct answer is option [C]. Solution: The length = L and breadth = B. Area = $68cm^2$

L x B = 68

$B = {}^{68}/_{L}$

The perimeter = 2[L + B] = 42 L + B = 21.

Substitute the value of B into the perimeter equation $^{68}/_{L} + L = 21$

$68 + L^2 = 21L$

$L^2 - 21L + 68 = 0$. Solve for L.

L [L – 17] + 4[L – 17] = 0

[L – 17][L + 4] = 0

L = 17 or -4.

The value of L = 17cm since there is no negative length. $B = {}^{68}/_{L} = {}^{68}/_{17}$ = 4cm

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9. The correct answer is option [C]. Solution: Substitute the values of x into the equation to solve for y.

10. The correct answer is option [C].

11. **The correct answer is option [D]**

Using the trial and error method (scissors method), try to find any pairs of factors of x^2 and pairs of factors of +15, that has its sum equal to the term in x in the expression, after cross-multiplying and adding their products together.

$$x^2 - 8x + 15$$

x 15	x 5	x -5
x 1	x 3	x -3
15x + 1x	5x + 3x	-5x + (-3x)
= 16x	= 8x	=-8x

The third arrangement has the correct factors.
Therefore, ==> $x^2 - 8x + 15 = (x - 5)(x - 3)$.

12. The correct answer is option [C].

13. The correct answer is option [D].

Find two numbers whose product is - 4 and whose sum is - 3. Here a = 2, b = -3, c = - 2, ac = - 4.(The numbers are - 4 and 1).Next we replace the middle term (-3) by - 4 and 1.

14. The correct answer is option [B]

Grouping; $(a^2 - b^2) + ap - aq + bp - bq = (a^2 - b^2) + (ap - aq) + (bp - bq)$

$= (a + b)(a - b) + a(p - q) + b(p - q)$

Finding the common factor; $= (a + b)[(a - b) + (p - q)]$

$= (a + b)(a - b + p - q)$

15. The correct answer is option [B]

Sum of roots = +7x

Product of roots = $+10x^2$

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Two numbers that satisfy these expressions are +2x and +5x

$x^2 + 7x + 10 = x^2 + 2x + 5x + 10$

pairing and factorizing ;

$(x^2 + 2x) + (5x + 10)\ x(x + 2) - 5(x + 2)\ (x + 5)\ (x +) = 0$

Factorizing;

$x + 5 = 0$ or $x + 2 = 0$

$x = -5$ or -2

The solution is $y = -5$ or -2

16. The correct answer is option [B].

17. The correct answer is option [C]

$9x(x + 1) = 4$

$\Rightarrow 9x^2 + 9x - 4 = 0$

Sum of roots = $+9x$

Product of roots $= -36x^2$

Two numbers that meet these requirement are $+12x$ and $-3x$

$9x^2 + 9x - 4 = 9x^2 - 3x + 12x - 4$

Pairing; $(9x^2 - 3x)(12x - 4)3x(3x - 1) + 4(3x - 1)(3x + 4)(3x - 1)$

Factorizing;

$3x + 4 = 0$; $3x = -4$; $x = -4/3$

$3x - 1 = 0$; $3x = 1$; $x = 1/3$

The solution is $x = 1/3$ **or** $-4/3$

18. The correct answer is option [D].

Substitute $x = 1$ in the equation

$4x^2 + x + 7$

$4(1)^2 + 1 + 7 = 4 + 1 + 7 = 12$

19. The correct answer is option [C].

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20 . The correct answer is option [C].

Solution: $[b^2 + c^2 + bc]/[b + c] - [b^2 + c^2 - bc]/[b - c]$.

Find the L. C. M. of the denominator which gives $b^2 - c^2$; $[(b - c)(b^2 + c^2 + bc) - (b + c)(b^2 + c^2 - bc)/[b^2 - c^2] = -2c^3 - 2bc^2]/[b^2 - c^2] = [-2c^2(c - b)]/[b^2 - c^2] = [2c^2(c - b)]/[c^2 - b^2] = [2c^2(c - b)]/[(c - b)(c + b)] =$ **$[2c^2]/[c + b]$**

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ENGLISH LANGUAGE

Read the passage carefully and answer the question.

MARRIAGE IS ABOUT WIVES AND NOTWOMEN

Wives maximize their singleness and do not fret over whom they would be found by, how and when they would be found. They trust God always and strive to please Him, knowing assuredly that all good and perfect gifts come from Him.

Wives cherish their period of preparation and are not in a hurry to get over with it, which makes them not to compromise in their standards, principles and virtues according to God's word. In fact, they are not in a hurry to jump out of their preparatory period for any man because they would only become incomplete and unfulfilled if they stopped half-way through their preparatory class.

A woman may try to "impress" in order to seek the approval of some men, while wives are just impressive in all things. Not to get it wrong, wives may not be all that some men would want them to be, but most times, they turn out to be what God wants them to be to the man so that he also can become what God wants him to be.

A woman may prefer you if your parents were dead, but a wife is groomed to handle the complicated patterns of relating with her in-laws.

Wives are not rigid, rather they are malleable, trustworthy, loving and loveable, forgiving and forgivable, submissive and respected. They are almost always prepared for your ministry and are willing to stand by you at both good and bad times.

Remember friends, except the woman is prepared, she cannot be a wife. The period of singleness is not just a period of waiting but more of the period of preparation and training for her man. If she's not prepared a wife, it may be difficult to make her one.

Arise sisters, prepare yourselves; be wives and not just women. For it is only when a man finds a wife that he finds a good thing and obtains favour from the Lord.

(Adapted from Peculiar Truth)

According to the passage, which of the following is not a characteristic of wives?

A. Rigidity

B. Flexibility

C. Malleability

D. Trustworthiness

2. Without the preparatory period for wives, they will _____.

A. be incomplete and unfulfilled in marriage

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B. not have good husbands and children

C. have bad in-laws

D. not have children

3. Why would women prefer their parents-in-law dead?

A. They want to have the men all to themselves.

B. They are not prepared to handle the complications of relating with their in-laws.

C. They are prepared to handle the complications of relating with their in-laws.

D. They will always find it difficult impressing their in-laws.

4. The statement "...but most times they turn out to be what God wants them to be to the man so that he also can become what God wants him to be" means that _____.

A. women are good advisers

B. wives are made by God the way their husbands want them to be

C. husbands are gods to their wives

D. wives help their husbands fit into God's plan for them

5. From the passage, when does a man find a good thing and obtain favour from the Lord?

A. When he finds a woman.

B. When he finds a woman that loves his family.

C. When he finds a woman that is groomed.

D. When he finds a wife.

The correct answer is option [D].

Our planet is at risk. Our environment is under threat. The air we breathe, the water we drink, the seas we fish in, the soil we cultivate, the forests, animals and plants which surround us are in danger. New terms and words describe these problems - acid rain, greenhouse effect, global warming, holes in the ozone layer, desertification, and industrial pollution. We are changing our environment. More and more gases and wastes escape from our factories. Rubbish, oil spillage and detergents damage our rivers and seas. Forests give us timber and paper, but their loss results in soil erosion and also endangers wildlife.

The richer countries of the world are mainly responsible for industrial pollution. This is where most of all the commercial energy is produced. In developing countries, poverty causes

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people to change their environment - to overgraze grasslands, to cut down trees for new land and firewood, to farm poor soil for food.

The United Nations Environmental Protection Agency says that an area of forest, the size of Sierra Leone, disappears every year. Trees are cut down for timber which is used for building, furniture, paper and fuel. They are also destroyed to provide land on which to graze animals and build new villages and towns. But trees have many other important uses. Trees protect the land from heavy downpour of rain and their roots help to hold the soil together. Forests are also the home of many living things. The Amazon forest contains one fifth of all the species of birds in the world. In our forests, there may be plants and animals which could help in the discovery of new medicines or crops.

To rescue and conserve our beautiful world, we must act co-operatively. Individuals, communities, nations and international associations all have a responsibility. By learning to protect the natural environment, we can manage the earth's resources for generations to come.

6. According to the passage, the size of forest depleted annually is _____.

A. minimal

B. colossal

C. infinitesimal

D. wide

E. magnificent

7. From the passage, it can be deduced that the inhabitants of developing countries _____.

A. take care of their environment more than those in developed countries

B. generate more harmful industrial by-products

C. degrade the environment to make a livelihood

D. cut down trees only for farmlands and fuel

E. produce most of all the commercial energy

8. The message of the writer is the _____.

A. need for the developed countries to assist the poorer ones

B. grave dangers of global warming

C. urgent need to protect the natural environment

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D. need to research on other uses of trees in our environment

E. need for the United Nations to interfere in the affairs of men

9. The risk referred to in the passage is _____.

A. environmentally induced

B. industrially produced

C. man-made

D. sociologically produced

E. spiritually provoked

10. The writer holds the richer countries responsible for industrial pollution because of their _____.

A. technological innovations

B. energy requirements

C. industrial revolution

D. lack of interest in environmental protection

E. need to overgraze grasslands

From the list of words lettered A-E, choose the one that is most nearly opposite in meaning to the underlined word and that will, at the same time, correctly fill the gap in the sentence.

11. Most African countries face poverty while few enjoy.

A. influence

B. money

C. affluence

D. power

E. penury

12. Let me know ___ you are ready.

A. how

B. as

C. because

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D. since

E. when

From the options lettered A-E, choose the word that best completes the sentence.

13. Students went on a ____ in protest of their union leaders' arrest.

A. battle

B. rancor

C. rampage

D. scuffle

E. fire

14. In the sentence "He DOES not want the treatment", the capitalized word is an example of _____.

A. a transitive verb

B. a modal verb

C. an auxiliary verb

D. a linking verb

E. a helping verb

Fill in the blank space with the correct option.

15. The freed robber expressed his gratitude in a _____ prayer of thanksgiving.

A. spurious

B. spasmodic

C. spontaneous

D. sporadic

E. spasms

From the options lettered A-E, choose the word that best completes the sentence.

16. He left the town early this morning _____ he arrived very late.

A. although

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B. but

C. despite

D. even

E. than

17. In the sentence "Femi enlisted HIMSELF in the JAMB examination", the underlined word is an example of _____.

A. a relative pronoun

B. a reflexive pronoun

C. a personal pronoun

D. a reciprocal pronoun

E. an interrogative pronoun

Which of the options lettered A - E consists of all the types of nouns?

18. (i) Common (ii) Proper (iii) Abstract (iv) Collective (v) Concrete

A. i, ii and iii

B. i, ii, iii and v

C. i, ii, iii and iv

D. i, ii and v

E. i, ii, iii, iv and v

19. FLEET OF CARS is an example of ____.

A. a common noun

B. a proper noun

C. a collective noun

D. an abstract noun

E. a concrete noun

From the options lettered A-E, choose the word that best completes the sentence.

20. Poverty with peace and contentment is ____ than riches with incessant fear.

A. more better

B. most better

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C. very better

D. far better

E. so better

The correct answer is option [D]

ANSWERS				
1. A	2. A	3. B	4. D	5. D
6. B	7. C	8. C	9. C	10. B
11. C	12. E	13. C	14. C	15. B
16. B	17. B	18. E	19. C	20. D

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CURRENT AFFAIRS

1. The national motto of Nigeria is_____.

A. "Hope and Faith, Prosperity and Progress"

B. "Unity and Progress, Faith and Peace"

C. "Unity and Faith, Joy and Progress"

D. "Unity and Faith, Peace and Progress"

2. In February 2013, The Nigerian Airspace Management Agency (NAMA) named Nollywood actress Miss Benita Nzeribe as_____.

A. Nigerian Sector Ambassador for Sierra Leone

B. Federal Airport Authority Ambassador for Nigeria

C. Air Safety Ambassador for Nigeria

D. Nigerian Airspace Management Agency Ambassador for Europe

3. In March 2013, Head of Corporate Communications, at Central Bank of Nigeria, stated that commercial banks in the country_____.

A. we're not authorized to give loans above N300bn

B. were obliged to report to report corrupt politicians to EFCC

C. could not give long-term loans for now

D. must correct every tribal conflicts among every member of staff

4. Until his death, how long did President Hugo Chavez rule Venezuela?

A. 14 years

B. 20 years

C. 32 years

D. 12 years

5. _____was widely regarded as the presumed winner of the inconclusive presidential election in Nigeria in 1993.

A. Ernest Adegunle Oladeinde Shonekan

B. Chief. Moshood Kashimawo Olawale Abiola

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C. General Sani Abacha

D. Dr. Alex Ifeanyichukwu Ekweme

E. General Ibrahim Badamasi Babangida

6. _____ is an international treaty that specifies perform their function without fear of coercion or harassment by the host country.

A. Vienna Convention on Diplomatic Relations

B. Diplomatic Immunity

C. Diplomatic Law

D. International Law Commission

7. Which of these tourist attractions is found in Niger state of Nigeria?

A. National War Museum

B. Obudu Cattle Ranch

C. Gurara Falls

D. Ogubunike Cave

E. Kamuku National Park

8. In the Nigerian Health Sector, NIMR is known as _____.

A. Nigerian Institute of Medical Resources

B. National Institute of Medical Research

C. Nigerian Institute of Medicine Research

D. Nigerian Institute of Medical Research

9. The Governor of Sokoto State, in September 2012, was_____.

A. Sule Lamido

B. Umaru Tanko Al-Makura

C. Jonah Jang

D. Aliyu Wamakko

10. In which city is the headquarters of the United Nations located?

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A. Venice

B. New York

C. Geneva

D. Berlin

E. London

ANSWERS				
1. D	2. C	3. C	4. A	5. B
6. A	7. C	8. D	9. D	10. B

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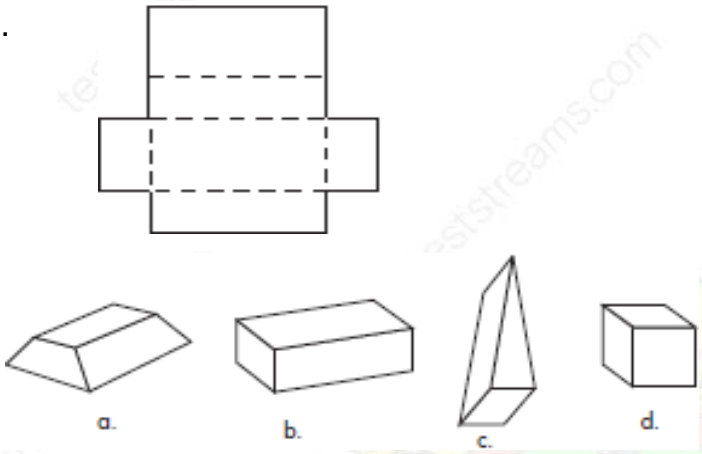
SPATIAL REASONING

Instruction: In this section you will see an unfolded cardboard pattern. The solid lines represent the shape of the different parts and the dashed lines represent fold lines. For each unfolded pattern there are four choices that could possibly represent the pattern folded into a three-dimensional shape. Choose the correct option

1.



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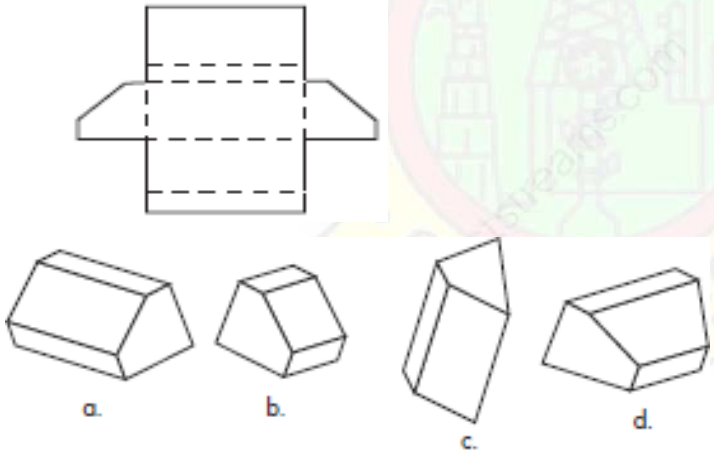

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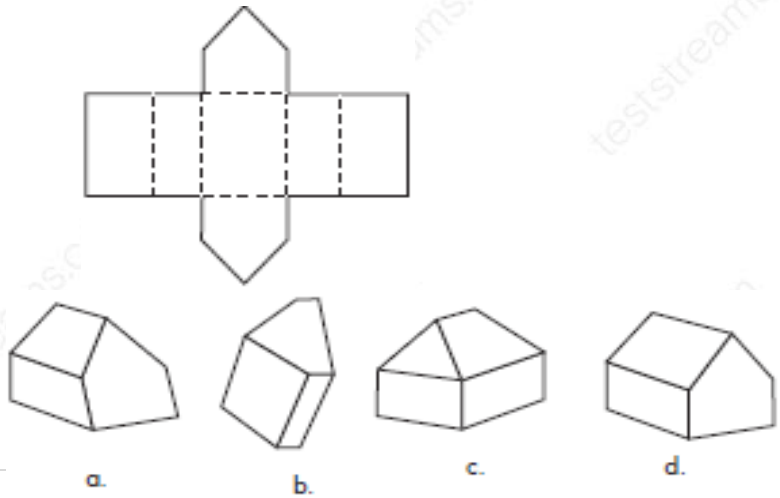

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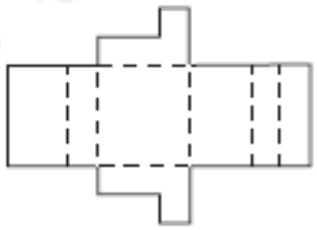
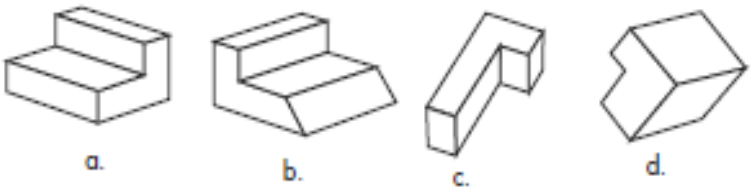
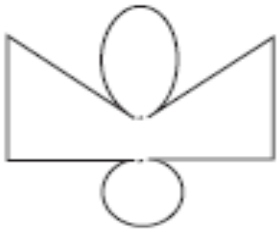




a. b. c. d.

5.



a. b. c. d.

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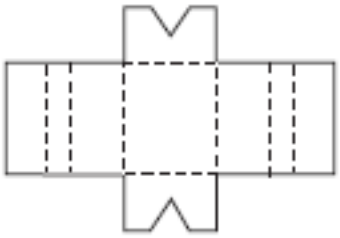
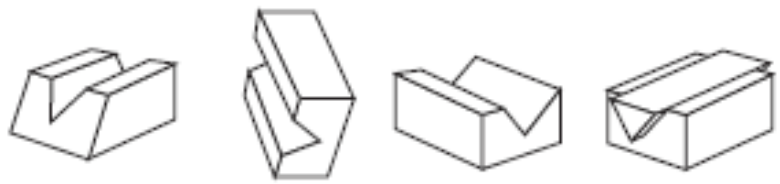
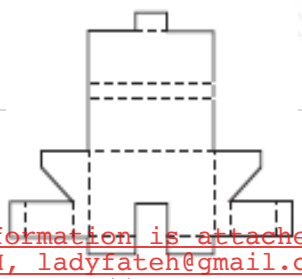




a. b. c. d.

7.



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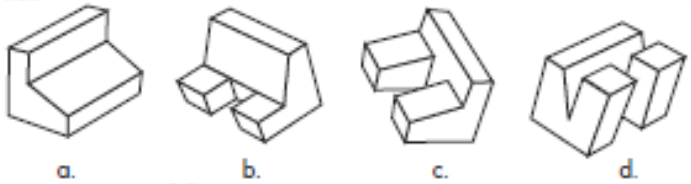

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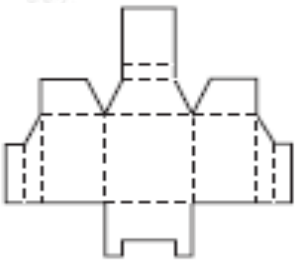

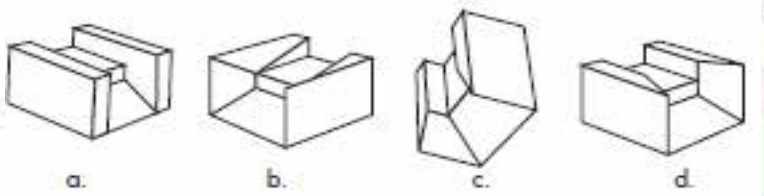

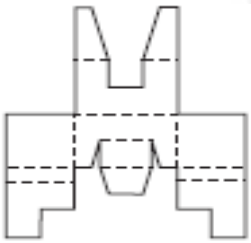

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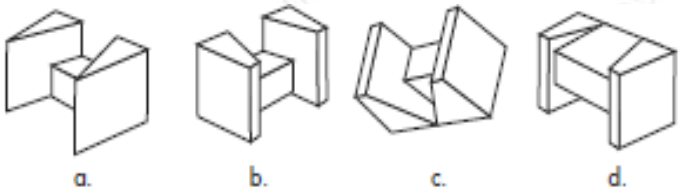

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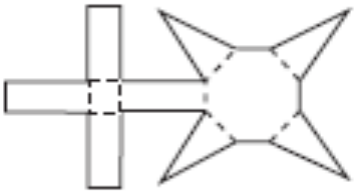

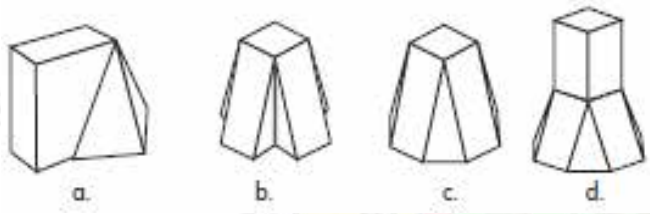

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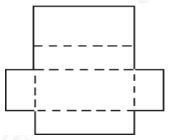
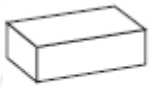
ANSWERS AND EXPLANATION
SPATIAL REASONING

ANSWERS				
1. B	2. A	3. D	4. A	5. B
6. B	7. B	8. D	9. B	10. C

EXPLANATION

1.  
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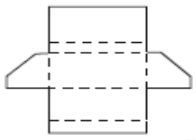
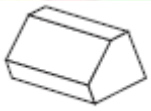
2.  
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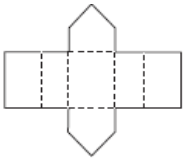
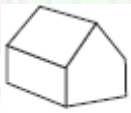
3.  
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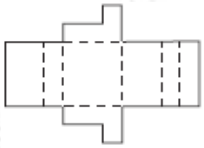
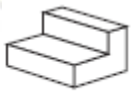
4.  
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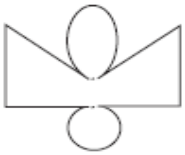
5. 
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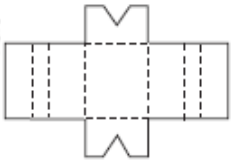
6. 
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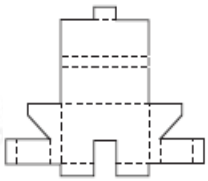
7. 

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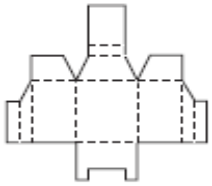
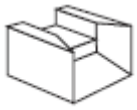
8. 



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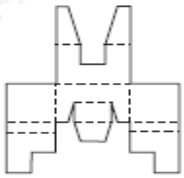
9. 

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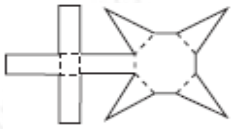
10. 

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SET 3

MATHEMATICS

1. Given that P = {x: 1 ≤ x ≤ 6} and Q = {x: 2 < x < 10}, where x is an integer. Find n (P ∩Q).

A.4

B.6

C.8

D.10

2.One third of a number y is subtracted from 5 and the result is at most 3. What isthe range of values of y?

A.y > 6

B.y ≥ 6

C.y ≤ 6

D.y < -6

3. The perimeter of a rectangle is 42cm and its area is 68cm2. Find its length and breadth.

A. 17cm ; 3cm

B. 14cm ; 3cm

C. 17cm ; 4cm

D. 21cm ; 2cm

4. Given that T = {x: -2 < x ≤ 9} where x is an integer. What is n (T)?

A. 9

B. 10

C. 11

D. 12

5. The product of two consecutive positive even numbers is 288. By constructing a quadratic equation and solving it, find the two numbers.

A. 14

B. 20

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C. 7

D. 10

6. If Boneri adds 2 to the numerator of a fraction, the fraction becomes **1/3**. If he subtracts 3 from the denominator of the fraction, it becomes **1/4**. What is the fraction?

A. 1/5

B. 2/5

C. 3/5

D. 4/5

7. A man made a will in which he left 5/8 of his money to his wife and 3/5 of the remainder to his eldest child. The rest was to be shared equally among his five younger children. If each of the younger children received ₦ 60,000, what was the wife's share?

A. ₦ 250,000

B. ₦ 400,000

C. ₦ 1,250,000

D. ₦ 2,000,000

8. A note book has 145 pages and 55 of them have been used. What fraction of the note book remains?

A. 11/29

B. 5/29

C. 18/29

D. 6/29

9. After spending 3/8 of his money on food and 1/4 on housing, Sonny was left with ₦ 960. How much money did he have originally?

A. ₦ 2560

B. ₦ 2048

C. ₦ 2408

D. ₦ 2650

10. Evaluate $x\ limx\ =\ 0\ cos\ (x/x\ +\ 3)$.
A. 1/4

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B. -1/4
C. 1/2
D. 1/3

11. Express log 5 + log 7 as a simple logarithm.
A. log 35
B. log 40
C. 2log 1/2
D. log 22

12. Evaluate log832.
A. 11/3
B. 22/3
C. 12/3
D. 21/3

13. Ilorin is at 8.5oN, 6.4oE and Freetown is at 8.5oN, 13.6oW. Calculate their distance from the equator. [Take 2pR = 40000km]

A. 2197.8km.

B. 944.4km.

C. 887.5km.

D. 2222.2km.

14. Find the value of , if the radius of the parallel of latitude bo N is equal to the radius of the parallel of latitude 60o S.

A. 180°

B. 120°

C. 60°

D. 30°

15. Ilorin is at 8.5oN, 6.4oE and Freetown is at 8.5oN, 13.6oW. Calculate their speed in km/hr due to the rotation of the earth. [Take 2πR = 40000km]

A. 91.6km/hr.

B. 39.4km/hr.

C. 1648.4km/hr.

D. 130.9km/hr.

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16. A polynomial when divided by a + 3, the quotient is 4a - 4 and the remainder is 6. What is the polynomial?

A. 4a2 - 8a - 6

B. 4a2 + 8a - 6

C. 4a2 + 8a + 6

D. 4a2 - 8a + 6

17. On each market day Somina drives to the market from her home at a steady speed. This journey normally takes her 3 hours to complete. She finds, however, that by increasing her usual speed by 2km/hr she can save 30 minutes. Find her usual speed in km/hr.

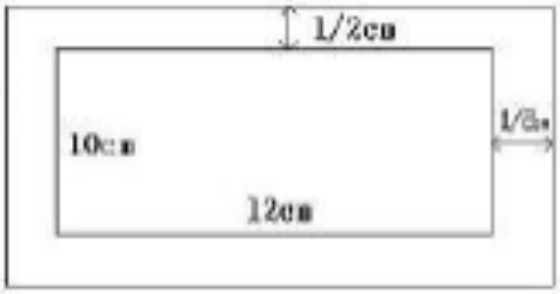
A. 5km/hr

B. 11/3km /hr

C. 21/2km /hr

D. 10km /hr

18. Given a rectangular field 10cm by 1/2cm enclosed by a bigger field 1/2cm wide. Find the area of the bigger field.



A. 126cm2

B. 125cm2

C. 143cm3

D. 132cm2

19. Bala sold an article for ₦6,900.00 and made a profit of 15%. If he sold it for ₦6,600.00 he would make a _____.

A. profit of 13%

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B. loss of 12%

C. profit of 10%

D. loss of 5%

20 . Abubakre invested a certain amount at 8% p.a. simple Interest after 5yrs the principle amounts to ₦ 9,000. Find the amount of money invested.

A. ₦ 13,223.95

B. ₦ 6,125.25

C. ₦ 6,428.57

D. ₦ 3,600.00

ANSWERS				
21. A	22. C	23. C	24. C	25. A
26. A	27. C	28. C	29. B	30. D
31. A	32. C	33. B	34. C	35. C
36. B	37. D	38. C	39. C	40. B

EXPLANATIONS

1. The correct answer is option [A].

2. The correct answer is option [C].

3. The correct answer is option [C]. Solution: The length = L and breadth = B. Area = 68cm2

L x B = 68

B = 68/L

The perimeter = 2[L + B] = 42 L + B = 21.

Substitute the value of B into the perimeter equation **68/L**+ L = 21

68 + L2 = 21L

L2 - 21L + 68 = 0. Solve for L.

L [L - 17] + 4[L - 17] = 0

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[L - 17][L + 4] = 0

L = 17 or -4.

The value of L = 17cm since there is no negative length. B = **68/L** = **68/17** = 4cm

4. The correct answer is option [C].

5. The correct answer is option [A]. Solution: [x + 2][x + 4] = 288; x2 + 6x + 8 = 288; x2 + 6x - 280 = 0; x[x + 20] - 14[x + 20] = 0 → [x - 14][x + 20] = 0, therefore, x = 14 or -20. The number is 14.

6. The correct answer is option [A]. Solution: Let the fraction be x/y. x + 2/y = 1/3;

3[x + 2] = y; 3x + 6 = y ----- [i];

x/y - 3 = 1/4; 4x = y - 3 ------ [ii].

Substitute y in equation [i] into equation [ii];

4x = 3x + 6 - 3; 4x - 3x = 3,

therefore, x = 3; y = 3x + 6 y = 3[3] + 6 = 9 + 6 = 15.

The fraction x/y = 3/15 = 1/5.

7. The correct answer is option [C].

Let the amount left be x; wife's share = 5x/8; eldest child share = 3/5 of 3x/8 = 9x/40 Five children each receives ₦ 60,000 ₦ 60,000 x 5 = ₦ 300,000; 5x/8 + 9x/40 + 300,000 = x; multiply through by 40 25x + 9x + 12,000,000 = 40x 40x - 34x = 12,000,000; therefore, x = 12,000,000/6 = 2,000,000; wife's share = 5/8 x 2,000,000 = ₦ 1,250,000.

8. The correct answer is option [C].

Solution: 145 - 55/145 = 90/145 = 18/29.

9. The correct answer is option [B].

Solution: Let the total money he had be x; 3/8 of x; 5/8 left 5/8 x 1/4 of x; ₦ 960 is left. Adding expenditure = Income before expenditure 3x/8 + 5x/32 + 960 = x; multiply through by 32 12x + 5x + 30,720 = 32x; 32x - 17x = 30720, therefore, x = 30720/15 = ₦ 2048.

10. The correct answer is option [D].

Solution: limx→0 cos x/x + 3 → cos x = cos 0 = 1 → 1/0 + 3 = 1/3.

11. The correct answer is option [A]. Solution: log 5 + log 7 = log [5 x 7] = log 35.

12. The correct answer is option [C].

Solution: log832 = x; 8x = 32; 23x = 25 3x = 5, therefore, x = 5/3 = 12/3.

13. The correct answer is option [B].

Solution: Using the equation: /360 x 2R where = 8.5o, 2R = 40000km; 8.5/360 x 40000 = 944.4km.

14. The correct answer is option [C].

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15. The correct answer is option [C]. Solution: Using the equation: $2\pi R cos\alpha$

where α ; Speed in km/hr. = $\mathbf{2\ \pi R cos\frac{8.5}{24}}$

since the rotation of earth Speed = 40000 x cos 8.5/24 = 1648.4km/hr

16. The correct answer is option [B]. Solution: Finding the polynomial use the equation Polynomial = [Divisor x Quotient] + Remainder, where divisor = a + 3, quotient = 4a - 4 and the remainder = 6.

17. The correct answer is option [D]. Solution: Let her usual speed be x, the time taken for the journey = 3hrs.

Increasing her speed by 2km/hr = x + 2, saves time by 30 mins [30/60 = 1/2hr], then the time for the journey = 3 - 1/2 = 21/2hr. Average Speed = Distance/Time; Distance = Average Speed x Time = [x + 2]21/2. Usual average speed, x = [x + 2]21/2/3; 3x = 5x/2 + 5;

multiply through by 2; 6x = 5x + 10; 6x - 5x = 10, therefore, x = 10km/hr.

18. The correct answer is option [C]. Solution: [10 + 1] = 11cm;[12 + 1] = 13cm; 11 x 13 = 143cm2.

19. The correct answer is option [C].

20. The correct answer is option [B].

Solution: Use the equation A = P[1 + (r/100)]n, where A = Amount = ₦ 9,000, r = rate = 8%, n = time = 5yrs, P = Principle = ?

Substitute the values into the equation.

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ENGLISH

PASSAGE 2

The diseases afflicting Western societies have undergone dramatic changes. In the course of a century, so many mass killers have vanished that two-thirds of all deaths are now associated with the diseases of old age. Those who die young are more often than not, the victims of accidents, violence and suicide.

These changes in public health are generally equated with progress and are attributed to more or better medical care. In fact, there is no evidence of any direct relationship between changing disease patterns and the so-called progress of medicine.

The impotence of medical services to change life expectancy and the insignificance of much contemporary clinical care in the curing of diseases are all obvious, well documented but well suppressed.

Neither the proportion of doctors in a population nor the quality of the clinical tools at their disposal nor the number of hospital beds is a causal factor in the striking changes in disease patterns. The new techniques available to recognise and treat such conditions as pernicious anaemia and hypertension, or to correct congenital malformations by surgical interventions, increase our understanding of disease but do not reduce its incidence. The fact that there are more doctors where certain diseases have become rare has little to do with their ability to control or eliminate them. It simply means that doctors, more than other professionals, determine where they work. Consequently, they tend to gather where the climate is healthy, where the water is clean and where people work and can pay for their services.

1. The writer is of the view that the diseases which prevail in contemporary western societies _____.

A. result from modern life styles

B. are concentrated among the elderly

C. kill so many people at a time

D. are resistant to drugs

2. Many doctors, according to the passage, choose to live where _____.

A. research facilities are available

B. they are most needed

C. they can be near colleagues

D. conditions are favourable to them

E. there is snow

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3. The statement 'The diseases afflicting Western societies have undergone dramatic changes' implies that _____.

A. striking changes have taken place in the mode of disease affliction

B. medical services have been important in changing life expectancy

C. a lot of significant progress has taken place in public health

D. deaths from diseases in Western societies are minimal

4. The author's attitude to developments in medicine is _____.

A. matter-of-fact

B. cautious

C. indifferent

D. cynical

E. humorous

5. Cynical implies that one believes that people do not do things for good, sincere or noble reasons, but for their own advantage only.

The author feels that doctors are non-challant about the profession they practice.

The writer thinks that the presence of a large number of doctors in a community _____.

A. does not have much effect on the control of diseases

B. disguises the true facts about diseases

C. controls the spread of diseases

D. improves the overall quality of life in the community

PASSAGE 2

When man evolved a conscience, his basic relationship with the other animals began to change. Until then, they were broadly divided into those who ate him when they got the chance; those which he ate when he got the chance, and a third group, which competed with him in the business of staying alive.

In the primitive situation, man was therefore basically against nature but as conscience crept in, he became aware of his responsibility and a failure to meet it, produced feelings of guilt. Hence, in recent times, people who live in cities and do not see the

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need to battle against nature are nowadays most actively for nature. About a thousand kinds of animals (vertebrate animals) are said to be in danger of extinction. A few of them have been reduced to this precarious position by extensive killing but the majority are disappearing only as fast as people of a particular country need them for existence itself are disappearing; and all this at the hands of man.

For example, the future survival of three species of the turtle being is threatened by the demand for turtle soup, which would hardly justify the extermination of a giant reptile whose family has existed for two hundred million years. Leopards are in jeopardy because of the need of their skins in the fashion world as they are used to make bags, winter coats, etc. As they get rarer, the cost for their skins rises and, as leopard skin coats become more expensive, the demand increases. Also, the crocodiles, the longest surviving reptiles, are now dwindling alarmingly due to the same reasons.

The human population explosion spreads across the land surfaces of the earth at an alarming rate. There will be twice as many of us before most of us are dead. Does this mean no room for wild animals? Of course not! With ingenuity and forethought, a place can be kept for them. To destroy their habitat is as unnecessary as it would be to pull down a great cathedral in order to grow potatoes on the site. A campaign to save what remains is the concern of a new kind of Noah's Ark - The World Wildlife Fund. It does not believe that all is lost.

The basic causes of the elimination of certain animals from the earth include _____.

6. A. man's decision to live in cities and the development of large farmlands

B. extensive killing of animals and the fast disappearance of their favourable habitat

C. man's penchant for meat and hides

D. a deliberate battle against Nature and the quest for leopard skin

7. The sentence "there will be twice as many of us before most of us are dead," means

A. some increase in human and animal population growth rates.

B. mankind is fast spreading across the earth.

C. many of us will die as a result of population explosion.

D. the population growth rate will double before most of us die.

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8. Which of the following statements is true according to the passage?

A. Man kills animals only when he can afford to do so.

B. Man cannot spare those animals that eat his kind.

C. Man eats all categories of animals.

D. Man poses the greatest threat to nature.

9. The expression "when man evolved a conscience ..." also means when

A. man developed an awareness of right and wrong.

B. man's intellect improved tremendously.

C. man acquired new habits.

D. man became a critical creature.

10. From the passage, the attitude of the writer can be described as _____

A. partial.

B. optimistic.

C. indifferent.

D. pessimistic.

11. In the sentence "Is ANYONE here?", the capitalised word is an example of ____.

A. an adverb

B. a coordinating conjunction

C. an adjective

D. an indefinite pronoun

E. a relative pronoun

12. Doctor: How is the ulcer patient?

Nurse: He's recovering ____ faster than we expected.

A. very

B. much

C. too

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D. so

E. most

13. Words different in meaning, but having the same spelling and pronunciation are referred to as ____.

A. acronyms

B. homonyms

C. autonyms

D. mononyms

E. antonyms

14. In the sentence "The students are SMART," the capitalized word is correctly classified as _____.

A. object complement

B. predicate nominative

C. direct object

D. indirect object

E. predicate adjective

15. ____ so dejected, he decided to stay at home.

A. Having feel

B. Having feeled

C. Having feeling

D. Having felt

E. Having feels

16. Many African men prefer _____ to the white man's monogamy.

A. polygamy

B. polyandry

C. bigamy

D. celibacy

E. abstinence

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17. Most African countries face poverty while few enjoy.

A. influence

B. money

C. affluence

D. power

E. penury

18. Let me know ____ you are ready.

A. how

B. as

C. because

D. since

E. when

19. In the sentence "He DOES not want the treatment", the capitalised word is an example of _____.

A. a transitive verb

B. a modal verb

C. an auxiliary verb

D. a linking verb

E. a helping verb

20. The freed robber expressed his gratitude in a _____ prayer of thanksgiving.

A. spurious

B. spasmodic

C. spontaneous

D. sporadic

E. spasms

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ANSWERS				
1. B	2. D	3. A	4. D	5. A
6. B	7. D	8. D	9. A	10. B
11. D	12. B	13. B	14. A	15. D
16. A	17. C	18. E	19. C	20. B

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CURRENT AFFAIRS

1. In Nigeria, WOTCLEF stands for _____

A. World Trafficking Transport and Children Emancipation Foundation

B. Women Trafficking and Child Emancipation Foundation

C. World Transport and Child Labour Eradication Foundation

D. Women Trafficking and Child Labour Eradication Foundation

2. Internationally, UNESCO is known as _____

A. United Nation Education Scientific and Cultural Organ

B. United Nations Economic, Scientific and Cultural Organisation

C. United Nations Educational, Scientific and Cultural Organisation

D. United Nations Education and Science Organisation

3. The full meaning of the acronym of the Nigerian agency N.E.M.A., is _____

A. Nigerian Empowerment Management Agency

B. National Environmental Management Agency

C. Nigerian Economy Management Agency

D. National Emergency Management Agency

4. In Nigeria, FRC is known as _____

A. Federal Responsibility Commission

B. Fiscal Resources Commission

C. Fiscal Revenue Commission

D. Fiscal Responsibility Commission

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11) D

12) C

13) D

14) D

5. In Nigeria, PTDF stands for .

A. Petroleum and Transportation Development Fund

B. Petroleum Trust Development Fund

C. Petroleum Development Fund

D. Petroleum Technology Development Fund

6. The acronym UNCTAD stands for .

A. United Nations Committee on Trade and Development

B. United Nations Council on Trade and Development.

C. United Nations Commission on Trade and Development.

D. United Nations Conference on Trade and Development.

7. SAP is an acronym for _.

A. Structural Added Programme

B. Structural Adjustment Programme

C. Structural Adjustment Problem

D. Structural Amendment Problem

E. Structural Abreviated Programme

8. In Nigeria, NERC is known as .

A. Nigerian Export Regulatory Commission

B. Nigerian Electoral Regulatory Commission

C. National Electricity Regulatory Commission

D. Nigerian Electricity Regulatory Commission

27) D

28) D

29) B

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30) D

9. Who is the minister of Minister of Power, Works and Housing in Buhari's regime

A. Babatunde Fashola

B. Audu Ogbeh

C. Ogbonnaya Onu

D. Abdulrahman Bello Dambazau

ANSWER: A

10. Who is the Minister of State for Environment in Buhari's regime

A. Bawa Bwari Abubakar

B. Khadija Bukar Abba Ibrahim

C. Ibrahim Jibril

D. Anthony Onwuka

ANSWER: C

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ANSWERS				
1. D	2. C	3. D	4. D	5. D
6. D	7. B	8. D	9. A	10. C

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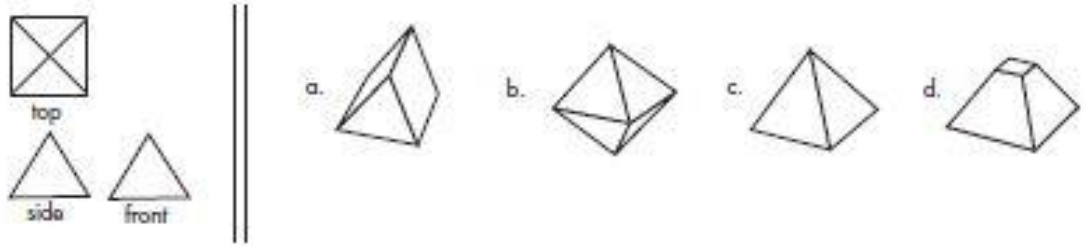
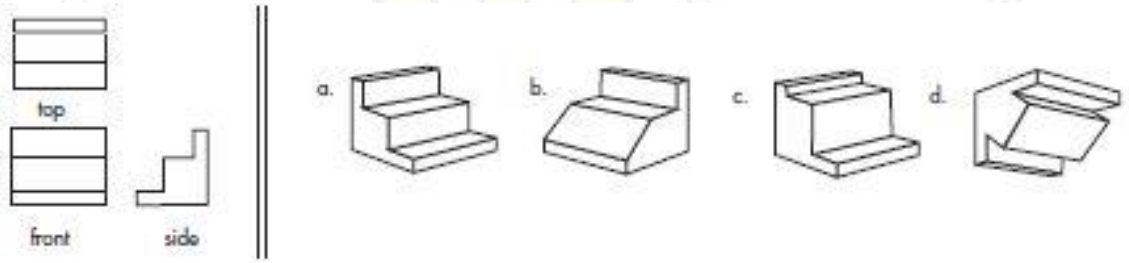
SPATIAL

Instruction (1 – 4): You'll see the three views of a three-dimensional object (top, front, and side) as you would see them if you were to look at them from the top, front, or side. Study the given views and try to find the answer.

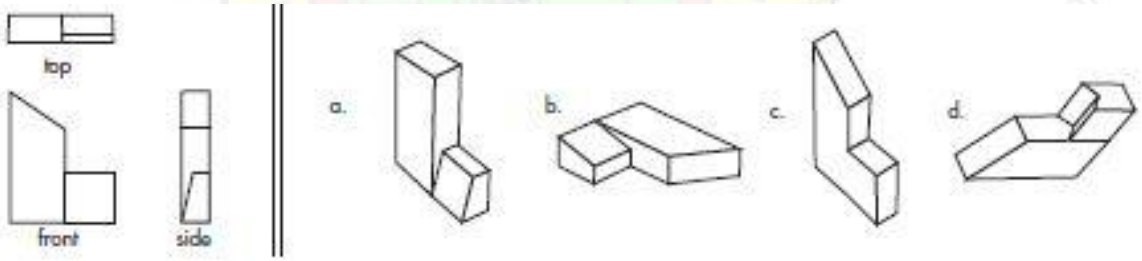
1.



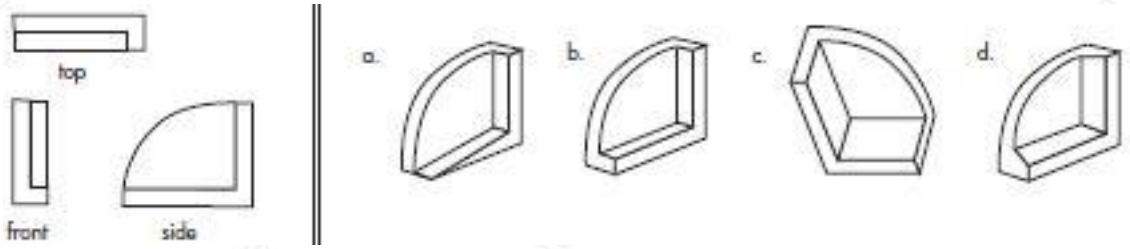
2.



3.



4.



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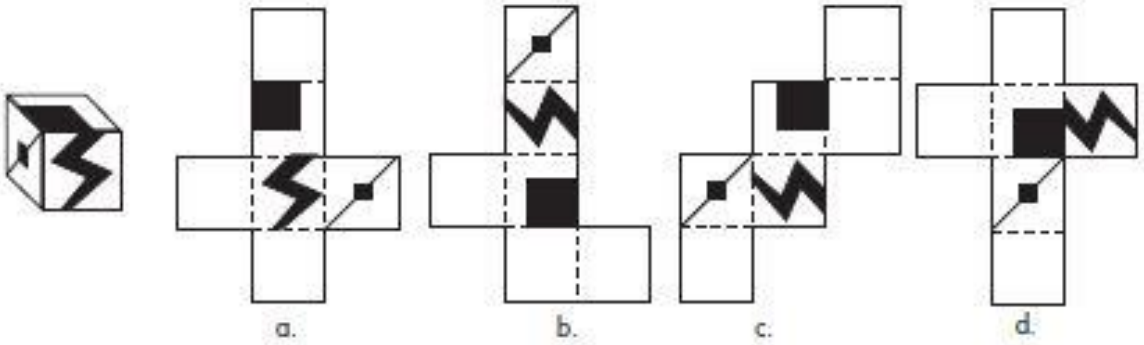
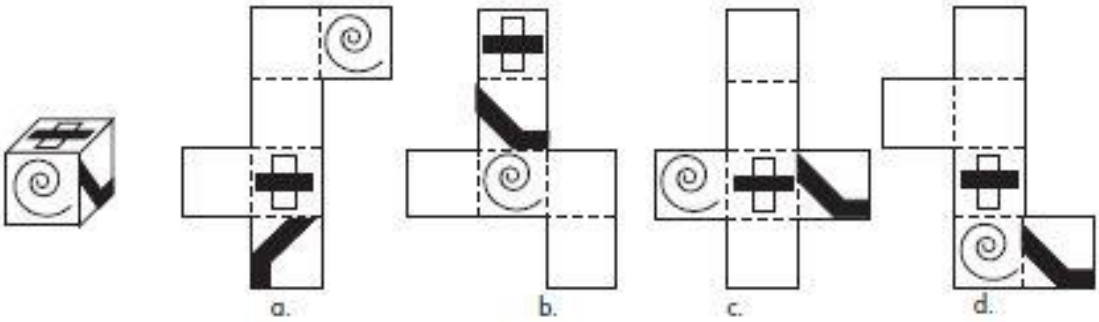
Instruction (5 – 8): In this exercise you will take a three-dimensional cube with patterned faces (not necessarily every side will have a pattern on it) and decide which of the four possible answers represents an unfolded cube.

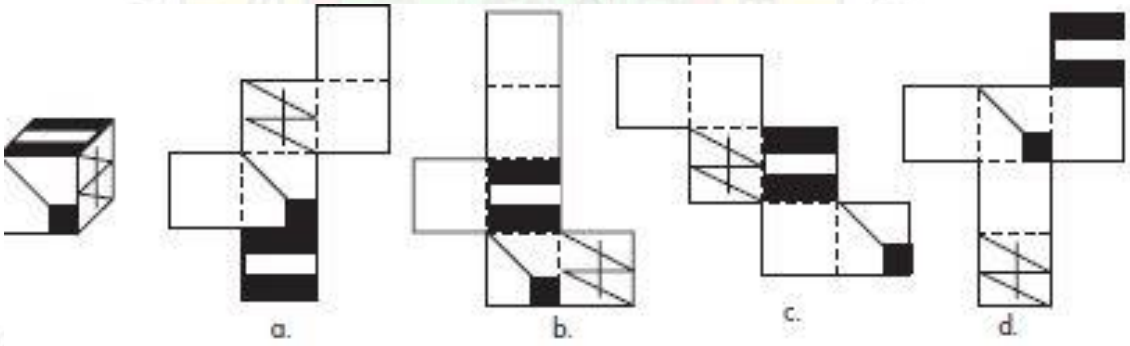
5.



6.



7.



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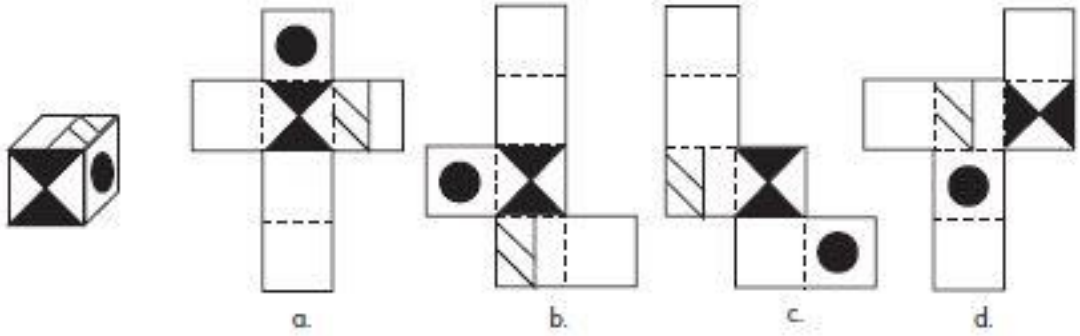
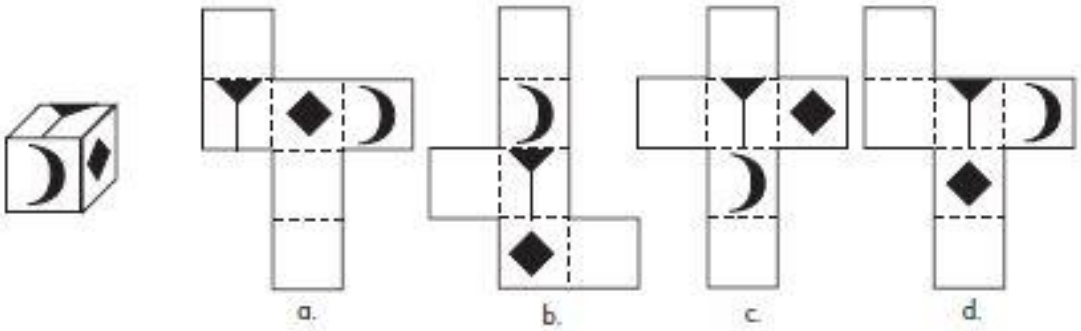
8.



9.



Instruction (10): Use the table given below to decode the shapes into letters. Make sure the shape is at the same angle as the one in the question. If the shape is a polygon, make sure it has the correct number of sides.

Letter	A	B	C	D	E	F	G	H	I	J
Code										
Letter	K	L	M	N	O	P	Q	R	S	T
Code										

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10.

a. FHME
b. FAME
c. SAME
d. SHIN
e. FAIN

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ANSWERS				
1. C	2. A	3. B	4. B	5. D
6. D	7. B	8. B	9. C	10. C

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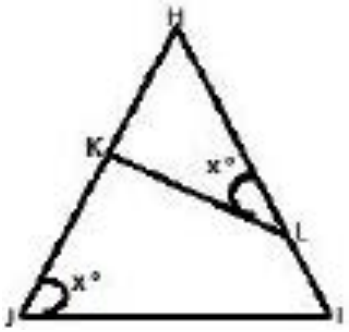
SET 4

MATHEMATICS

1.In the diagram, triangles HKL and HIJ are similar. Which of the following ratios is equal to LH/JH?



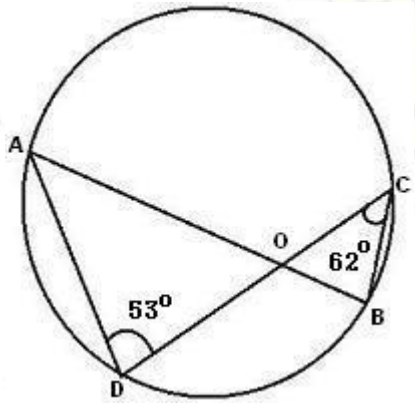
A. KL/JI

B. HK/JK

C. JI/KL

D. HK/LK

2.The diagram drawn, DCB = 62° and ADC = 53°. Find COB.



A.65°.

B.53°

C.115°

D.128°

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3.A bus move from town A to town B at an average speed of 120km/h and at town B, it changes course again back to town A at an average speed of 65km/h. Calculate the average speed of the whole journey.

A.90.75km/h

B.88.15km/h

C.66km/h

D.92.5km/h

4.In the afternoon, Sonny read 100 pages at the rate of 60 pages per hour; in the evening, when he is tired, he reads another 100 pages at the rate of 40 pages per hour. What was his average rate of reading for the day?

A.45

B.48

C.50

D.55

5.Wole sold his motorcycle to Uche at a profit of 20%. Uche sold it to Sanmi for ₦400 at a loss of 10%. Find how much the motorcycle cost.

A.₦ 370.4

B.₦ 475.6

C.₦ 444.4

D.₦ 110.4

6.A married man with four children earns ₦240,000.00 per annum. He claims a personal allowance of ₦30,000.00 and allowance of ₦15,000.00 for his wife and₦10,000.00 for each child. What is his taxable income if the allowances are not taxable?

A.₦210,000.00

B.₦176,000.00

C.₦155,000.00

D.₦85,000.00

7. In each market day Obehi drives to the market from her home at a steady speed. This journey normally takes her 2 hours to complete. She finds, however, that by increasing her usual speed by 1km/hr. she can save 20 minutes. Find her usual speed in km/hr.

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A. 12/3km/hr

B. 2km/hr

C. 5km/hr

D. 6km/hr

8. On a certain project the only grades awarded were 80 and 100. If 10 students completed the project and the average of their grades was 94, how many earned 100?

A. 2

B. 3

C. 5

D. 7

9. An error of 15cm was made in measuring a length that was actually 165m. What percentage error was that?

A. 7%

B. 5%

C. 9%

D. 11%

10. What is the percentage error in an area of a lawn that actually measures 750m2 but was found to be 690m2.

A. 8%

B. 11%

C. 23%

D. 4%

11. The distance between two points is measured to be 3.62km. If this is more than the actual distance and the percentage error is calculated to be 5, what is the actual distance?

A. 3.18km

B. 3.45km

C. 8.62km

D. 3.80km

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12. Calculate the percentage error in this situation. The volume of a box is 25cm3 to the nearest cm3.

A. 2%

B. 5%

C. 0.5%

D. 2.55%

13. Okon measured the length of a pole to be 600cm instead of 720cm long by error of oversight. Calculate the percentage error.

A. 33%

B. 29%

C. 16.67%

D. 36%

14. An error of 4% was made in finding the length of a rope that was actually 25m. By how many metres was the measurement wrong?

A. 4 m

B. 1 m

C. 3 m

D. 2 m

The correct answer is option [C]

Actual length = 25m

% error = 4%

Absolute error = % error x Actual value/100 ==> 4 x 25/100 = 1m

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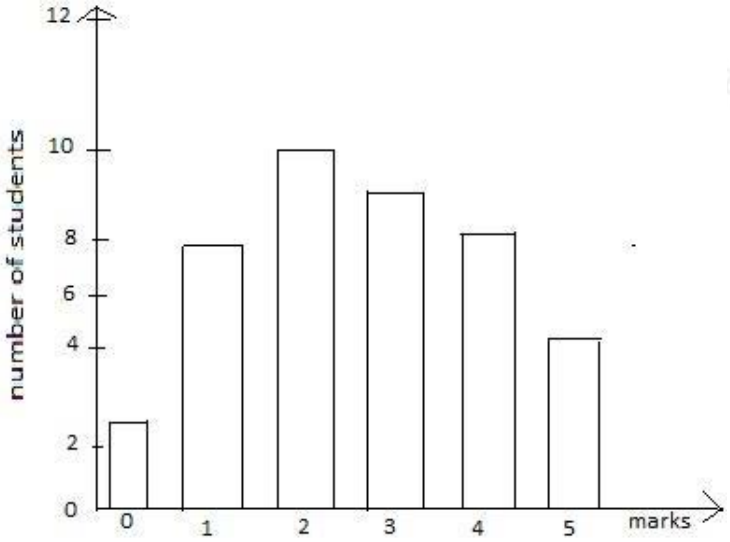
15.How many students scored at most two marks?



A.28

B.21

C.14

D.12

16. Given that A = 25, B = 15, C = -7, D = -3, evaluate [A + B]2/C3 + D4.

A. 76.34

B. -60.14

C. 79.83

D. 80.71

17. Find the relationship between a and b given that the mean of the data 20, 25, a, a, b, 42 is 28.

A. 4a + 2b = 162

B. 4a - 2b = 162

C. 2a + b = 81

D. a + 2b = 65

18. The marks obtained by students in a mathematics test are given below 1,3,2,2,3,4,1,5,10,11,9,8,12,14. If A is the mean and B is the median, then calculate A - B.

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A. 1.68

B. 1.57

C. 2.45

D. 3.58

The correct answer is option [B]. Solution: The mean 'A' = 6.07 and the median 'B' = 4.5, therefore, $A - B = 6.07 - 4.5 = 1.57$.

19. The mean of the numbers 2, 5, 2x and 7 is less than or equal to 5. find the range of values of x.

A. x 3

B. x 3

C. x < 3

D. x > 3

20. A set of data contains a total of 150 items which are divided into six groups for display on a pie chart. If one group contains 75 items then the sector representing this group on the pie chart contains an angle y°at the centre of the circle where y is _____.

A. 72°

B. 36°

C. 180°

D. 90°

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ANSWERS				
1. A	2. A	3. D	4. B	5. A
6. C	7. C	8. D	9. C	10. A
11. B	12. A	13. C	14. C	15. B
16. A	17. C	18. B	19. A	20. C

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ENGLISH

PASSAGE 2

As the stranger approached, Shola noticed that he was handsome and her excitement increased. It was of such a man she had dreamt. He had a fine, arrogant carriage, like a soldier or someone in authority. When he reached the end of the pier, he addressed them in a rich, deep voice that disturbed her as the voluptuous rising of the tide had done.

'You're Tunde Onu, I'm told,' he said to her father.

'That's right,' said her father.

'The bus conductor told me you take people to the islands,' the man continued.' I'd like to go there if you can take me.'

Her father examined the man from head to foot, shrewdly measuring his capacity to pay. Then he said:

'When were you thinking of going?'

'Right away.'

'That's a different story, for my boatman is gone to Badagry and won't be back before nightfall.

'Oh! said the stranger,' That's too bad. You couldn't get someone else instead of him?'

'I would have to think hard', he said gloomily,' for it's not everyone that would do for the job of going with me beyond the bay to the islands at this time of the year.'

Shola understood her father's manoeuvre and felt ashamed.

1. Which of the following is true of the passage?

A. The stranger could not afford to miss the boat ride because he had come from a very far place.

B. Though the stranger had a rich deep voice, Shola's father was more outspoken than him.

C. Shola and her father were idle when the stranger approached them.

D. Shola's father sized the stranger's capability to pay.

2. How would you describe Shola's father?

A. A greedy boat man.

B. An energetic but good-for-nothing man.

C. A loving father who wants to safeguard the interest of his daughter.

D. A talkative fool.

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E. An arrogant man

3. 'Manoeuvre' as used in the passage means _____.

A. shrewdness

B. cleverness

C. attitude

D. strategy

E. game

4. Which of the following is NOT true of the passage?

A. Shola did not approve of her father's behaviour towards the stranger.

B. Shola's father could row the stranger to the island alone if he so wished.

C. Shola's father exaggerated the difficulties in order to raise his fee.

D. Tunde Onu's boatman is the only man who knows how to sail beyond the bay to the island.

E. The stranger had a fine, arrogant carriage.

5. Which of the following is true of the stranger in the passage?

A. He was a good looking man with a deep voice, but very proud.

B. He was familiar with the people on the island.

C. He was a fine gentleman in need of help.

D. He was too proud to reciprocate Shola's love.

E. Shola knew the stranger and was excited to see him again.

PASSAGE 2

Standard English refers to the authoritative and correct usage of the language, the medium of expression for government and education. Its opposite is a dialectal variant of the language, that is, accepted and recognised words, expressions and structures peculiar to a smaller group of language users who are generally set apart from standard usage by cultural group or geographical region. For example, Nigerian, American, Irish and British English differ from one another in many respects and each is identifiable, yet in every case the standard variety approaches a single and hypothetical classification known as international English. As one moves towards informality and away from the observance of strict rules, emphasis falls on the differences between dialects. In addition to American

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English being distinguishable from British English, it is also true that British English is not uniform within the United Kingdom. The level of formality is determined by education and aspiration, while dialects vary from region to region.

6. One characteristic of a dialect as mentioned in the passage is _____.

A. informality

B. possession of various forms

C. distinction from British English

D. restricted area of usage

7. According to the author, Nigerian, American, Irish and British English can be regarded as _____.

A. registers

B. standards

C. styles

D. languages

8. According to the passage, International English is _____.

A. a kind of arbitrary classification

B. an imaginary classification

C. an informal standard

D. a recognised formal standard

9. The author refers to Standard English as _____.

A. a dialectal variant of language that is accepted and recognized

B. language spoken by users who are set apart by culture or geography

C. an official and accurate usage of language

D. accepted and recognized words, expressions and structures

10. One of this is not true about British English

A. It is uniform with the American English

B. It varies within England itself.

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C. The level of fluency in speaking it is determined by Education

D. It has many dialects

11. We returned home late in the night because our car had a _____ .

A. break up

B. breakdown

C. break off

D. break in

E. break out

12. Please put _____ milk in my tea.

A. a

B. any

C. the

D. some

E. a few

13. In the sentence "THIS soup has too much salt in it", the capitalised word is correctly classified as _____.

A. demonstrative adjective

B. demonstrative pronoun

C. article adjective

D. descriptive adjective

E. numerical pronoun

14. _____ lawyers enrolled at the Nigerian bar last year _____ this year.

A. As much/as

B. Very many/than

C. More/than

D. Some/as

E. As many/than

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15. The book gives a good ____ for preparing a delicious meal.

A. guidance

B. instruction

C. order

D. recipe

E. menu

16. Why are you always jealous _____ other people?

A. of

B. at

C. about

D. with

E. off

17. Which of the following is not a pronoun?

A. These

B. Several

C. No one

D. Something

E. None of the above

18. Brother, it is high time you _____ smoking.

A. stopping

B. stopped

C. stop

D. are stopping

E. stops

19. In the sentence "WHO was absent yesterday?", the capitalized word is an example of _____.

A. a relative pronoun

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B. a personal pronoun

C. an interrogative pronoun

D. a reciprocal pronoun

E. a reflexive pronoun

20. I am disappointed _____ the way you conducted yourself at the party.

A. by

B. for

C. due to

D. at

E. according to

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ANSWERS				
1. D	2. A	3. D	4. D	5. C
6. D	7. D	8. B	9. C	10. A
11. B	12. D	13. A	14. C	15. D
16. A	17. E	18. B	19. C	20. B

EXPLANATIONS

1. The correct answer is option [D].

2. The correct answer is option [A].

Her father examined the man from head to foot, shrewdly measuring his capacity to pay.

3. The correct answer is option [D]

Manoeuvre means a clever plan or movement, especially one used to deceive people.

4. The correct answer is option [D].

5. The correct answer is option [C].

6. The correct answer is Option [D]

7. The correct answer is option [D]

8. The correct answer is option [B]

9. The correct answer is option [C]

10. The correct answer is option [A]

11. The correct answer is option [B].

[A] Break through means major advance or discovery.

[B] Break down means collapse or disable; suffer physical or mental weakening; be overcome by emotion.

[C] Break off means stop; separate; end abruptly; cease to continue.

[D] Break in means illegally and forcefully enter, with criminal intent.

[E] Break out means forcible escape; show sudden violence in speech or behaviour; appear, start, suddenly.

12. The correct answer is option [D]

13. The correct answer is option [A]. The adjective 'THIS' specifies the noun 'soup'. It is a demonstrative adjective which points out a fact about the particular soup.

14. The correct answer is option [C].

15. The correct answer is option [D]

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16. The correct answer is option [A]

17. The correct answer is option [E]

18. The correct answer is option [B]

19. The correct answer is option [C]

20. The correct answer is option [D].

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CURRENT AFFAIRS

1. Which of the following airlines is a Nigerian airline?

A. Delta Airlines

B. Arik Air

C. Virgin Atlantic

D. Atlantic Express

The correct answer is option [B]

2. Had its operating license temporarily suspended by the Nigerian government after its MD-83 aircraft crash in June 2012.

Aviation

A. Sosoliso Airline

B. Dana Air

C. Bellview Airline

D. ADC Airline

The correct answer is option [B]

3. The international airport in Abuja is called .

A. Murtala Muhammed International Airport

B. Aminu Kano International Airport

C. Abuja International Airport

D. Nnamdi Azikiwe International Airport The correct answer is option [D]

4. In Februaury 2013, The Nigerian Airspace Management Agency (NAMA) named Nollywood actress Miss Benita Nzeribe as _____

A. Nigerian Sector Ambassador for Sierra Leone

B. Federal Airport Authority Ambassador for Nigeria

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C. Air Safety Ambassador for Nigeria

D. Nigerian Airspace Management Agency Ambassador for Europe

The correct answer is option [C]

5. Abuja is to Nigeria as Cairo is to .

A. Cuba

B. Egypt

C. El Salvador

D. Argentina

E. Austria

The correct answer is option [B]

6. Pyongyang is in _____

A. Japan

B. China

C. North Korea

D. South Korea

The correct answer is option [C]

7. Who formed the first political party in Nigeria?

A. Olusegun Obasanjo

B. Nnamdi Azikiwe

C. Herbert Macauly

D. Obafemi Awolowo

8. What was the first political party in Nigeria?

A. DPN

B. NDDP

C. NPC

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D. NADECO
Answer: B

9. Who was the president of Nigeria as at 23rd of February 2019?
A. Atiku Abubakar
B. Buhari

C. Ibrahim Babangida

D. Goodluck Jonathan

Answer: B

10. Who was the vice president of Nigeria as at 23rd of February 2019?

A. Namadi Sambo

B. Peter Obi

C. Yemi Osibanjo

D. Goodluck Jonathan

Answer: Osinbanjo

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ANSWERS				
1. B	2. B	3. D	4. C	5. B
6. C	7. C	8. B	9. B	10. C

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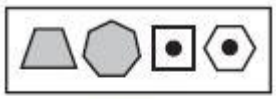
SPATIAL

Instruction (1- 4): Use the table given below to decode the shapes into letters. Make sure the shape is at the same angle as the one in the question. If the shape is a polygon, make sure it has the correct number of sides.

Letter	A	B	C	D	E	F	G	H	I	J
Code										
Letter	K	L	M	N	O	P	Q	R	S	T
Code										

1.

   a. GOCI
   b. CKGM
   c. GKCI
   d. COGM
   e. GKCI

2. 

   a. OCBF
   b. RJPS
   c. OGPF
   d. RGPF
   e. OJPS

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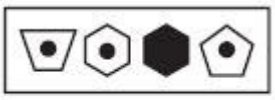
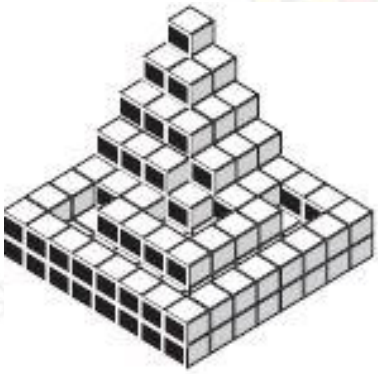
3.

a. OMAN
b. KMAN
c. OITN
d. KITN
e. KITE

4. 

a. IDAF
b. BDHF
c. IFHD
d. BFHD
e. IDHF

Instruction (5- 6): In each question, count the number of blocks in each structure and choose the correct option.

5. 

A. 150

B. 141

C. 100

D. 160

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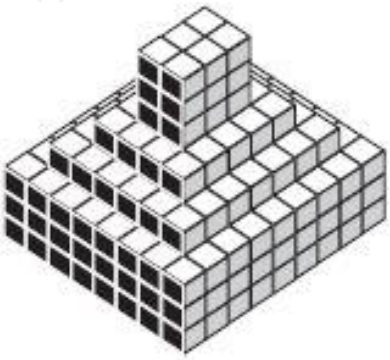
6.



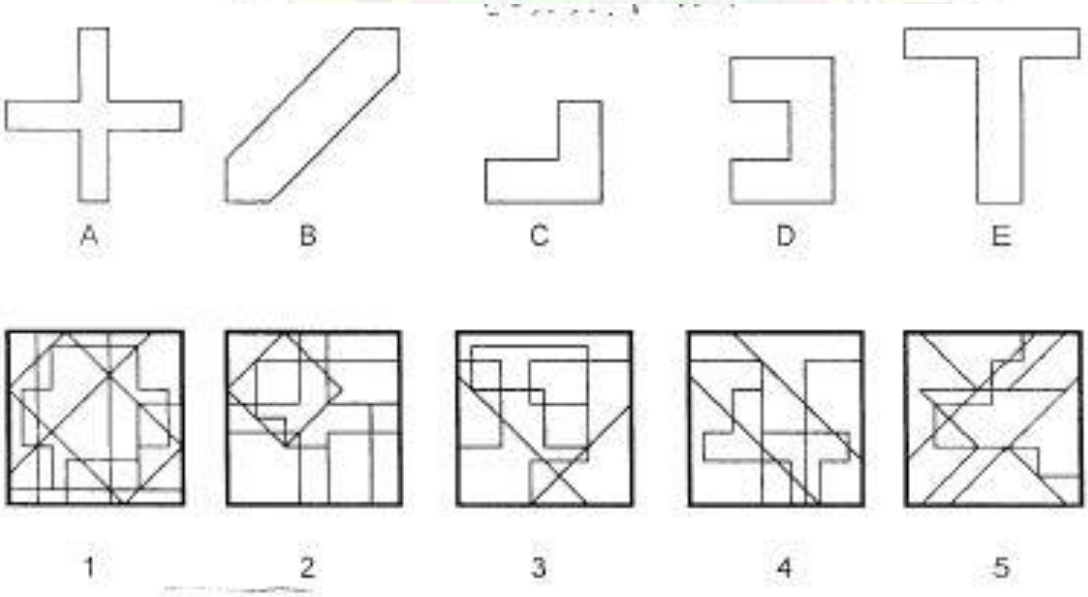
A. 310

B. 290

C. 296

D. 255

Instruction: Hidden figures questions require you to find given geometric shapes inside more elaborate and complicated figures. In this section, you are required to locate or find which of the figures A-E is present in the given figure per question



7. The hidden figure in block 1 is _____.

A. A

B. B

C. C

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D. D

E. E

8. The hidden figure in block 2 is _____.

A. A

B. B

C. C

D. D

E. E

9. The hidden figure in block 5 is _____.

A. A

B. B

C. C

D. D

E. E

10. The hidden figure in block 4 is _____.

A. A

B. B

C. C

D. D

E. E

ANSWERS				
1. A	2. B	3. E	4. B	5. B
6. C	7. C	8. B	9. B	10. C

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EXPLANATION

1. A

Letter	A	B	C	D	E	F	G	H	I	J
Code	●	▽	⬡	⬠	△	⊙	⬡	●	▽	⬡
Letter	K	L	M	N	O	P	Q	R	S	T
Code	▲	□	⊿	▽	▬	⊡	▼	⏢	⊙	⬟

2.

Letter	A	B	C	D	E	F	G	H	I	J
Code	●	▽	⬡	⬠	△	⊙	⬡	●	▽	⬡
Letter	K	L	M	N	O	P	Q	R	S	T
Code	▲	□	⊿	▽	▬	⊡	▼	⏢	⊙	⬟

Your order information is attached here, Please Do Not Share! This Study pack #27113, is licensed to UDOO, FATEH, ladyfateh@gmail.com, 2019-03-23 05:31:45,

3.

Letter	A	B	C	D	E	F	G	H	I	J
Code										
Letter	K	L	M	N	O	P	Q	R	S	T
Code										

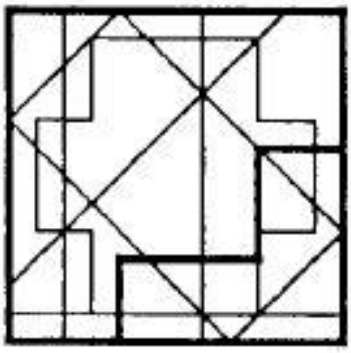
4.

Letter	A	B	C	D	E	F	G	H	I	J
Code										
Letter	K	L	M	N	O	P	Q	R	S	T
Code										

5. B

6. C

7. A



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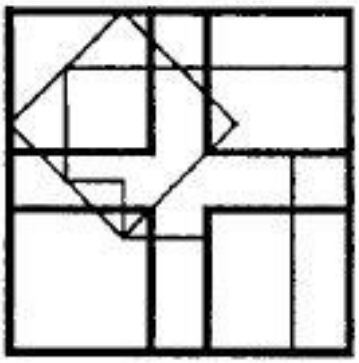
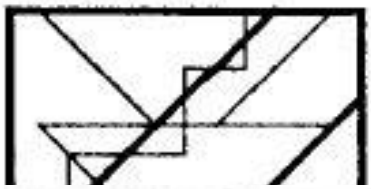
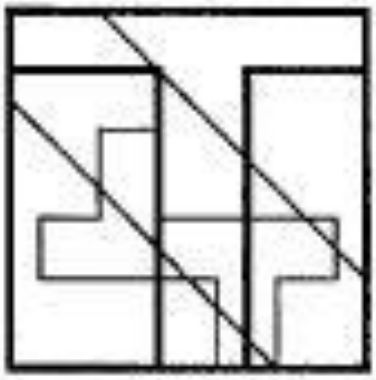
8. A 

9. B 

10. C 

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SET 5

MATHEMATIICS

1. Find the number of term of the sequence that will make up 240. The given sequence are 13, 16, 19, 22, ...

A. 9

B. 17

C. 27

D. 29

2. A man underestimated his expenses by 6.5% but actually spent ₦ 400.00. What was his estimate?

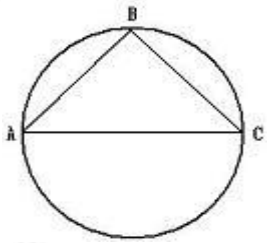
A. ₦ 198

B. ₦ 228

C. ₦ 374

D. ₦ 545

3. From the diagram drawn, AC is the diameter of a circle with a radius of $^{7}/_{3}$cm. When AB is 12cm, calculate the area of ABC.



A. 14cm^2

B. 16cm^2

C. 18cm^2

D. 22cm^2

4. A varies directly as the square of B and inversely as C. If A = 49, when B = 7 and C = 5, find A when B = 6 and C = 9.

A. 30

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B. 20

C. 40

D. 45

5. Two students are chosen at random from a class consisting of eighteen boys and twelve girls. What is the probability that the two students selected are a boy and a girl?

A. 34/185

B. 21/110

C. 72/145

D. 75/145

6. Alero starts a 3 km walk from P on a bearing 023°. She then walks 4 km on a bearing 113° to Q. What is the bearing of Q from P?

A. 26° 52'

B. 53° 8'

C. 76° 8'

D. 90°

7. Find the sum of 7th term of the G.P.

12, 6, 3. Find the sum to infinity.

A. 14

B. 16

C. 40

D. 24

8. The marks obtained by students in a mathematics test are given below 1,3,2,2,3,4,1,5,10,11,9,8,12,14. If A is the mean and B is the median, then calculate A + B.

A. 11.67

B. 12.85

C. 10.57

D. 15.56

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9. What value of z will make the expression $5x^2 - 16xy + z$ a perfect square?

A. 8y/5

B. 16y/5

C. 2y/7

D. 17y/7

10. Find the solution set of $4x + 1/3 \geq 2/3x - 2$.

A. $x \geq -7/3$

B. $x \leq 5/2$

C. $x \geq -7/10$

D. $x \leq 3/7$

11. Given the progression 7, 12, 17 and 22. What is the expression for the nth term of the progression?

A. 11n -2

B. 11n + 2

C. 6n + 3

D. 5n + 2

12. What is the probability that a number taken at random from 61 to 76 is a multiple of 3 and 5?

A. $^{12}/_{275}$

B. $^{11}/_{257}$

C. $^{15}/_{256}$

D. $^{15}/_{265}$

13. Solve the inequality $x + 12 > 7x - 9$.

A. $4^1/_2$

B. $3^1/_2$

C. $2^1/_2$

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D. $1^{1}/_{2}$

14. Find the radius of the parallel of latitude of the following latitudes.

(a) P(48°S, 56°E)

(b) Q(63°N, 72°W)

A. 6400km, 2906km

B. 6400km, 4550km

C. 4550km, 2906km

D. 4284km, 2906km

15. If y varies as the cube of x, y = 3 when x = 3, find y when x = 9.

A. 64

B. 81

C. 49

D. 36

16. In a single throw of two fair coins, what is the probability that two tails appear?

A. 1/2

B. 2/3

C. 5/2

D. 1/4

17. The 10th term of an A.P. is 65 and the common difference is 9. What is the first term?

A. -16

B. 11

C. -11

D. 16

18. Simplify $2^{1}/_{2}$ $4^{1}/_{5} + {}^{7}/_{4} - {}^{1}/_{3}$

A. $9^{2}/_{3}$

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B. $4^{6}/_{7}$

C. $11^{11}/_{12}$

D $10^{3}/_{8}$

19. In a dancing competition, each competitor could dance to at least one brand of music played. Two brands of music: Fuji music and Disco music were played that day. 10 of the competitors could dance to Fuji music, while 14 of the competitors could dance to Disco music. If 4 of the competitors could dance to both brands of music: Find the number of the competitors, that could dance to Disco but not to Fuji.

A. 6.

B. 4.

C. 10.

D. 14.

20. What is the sum of infinity of the following series $3 + 2 + {}^{4}/_{3} + {}^{8}/_{9} + {}^{16}/_{27}$?

A. 4

B. 19

C. 9

D. 29

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ANSWERS				
1. A	2. C	3. A	4. A	5. C
6. B	7. D	8. C	9. A	10. C
11. D	12. C	13. B	14. D	15. B
16. D	17. A	18. C	19. C	20.C

Explanations

1. The correct answer is option [A]. Solution: Hint [The question forms A.P.]. Using the equation $S_n = {}^{[n \quad 2a + (n-1)\,d]}/_{2}$, where a = 13, d = 3, S_n = 240. Solve using the formula given.

2. The correct answer is option [C]

Actual value = ₦ 400

% error = 6.5%

Absolute error = % error x

actual error/100

=> $^{6.5 \times 400}/_{100}$ = 26

Estimate = ₦400 - ₦26 = ₦374

3. The correct answer is option [A]. Solution: Hint [AC base of triangle, AB slant height].
Area of ABC = $^{1}/_{2}$ b
h = $^{1}/_{2}$ x AC x AB = $^{1}/_{2}$ 12 $^{7}/_{3}$ = 14cm^2.

4. The correct answer is option [B]. Solution: A
B^2/C, A = $k.B^2/_C$, k = $^{AC}/B^2$ = $^{49}/_{7^2}$ x 5; k = 5.
Therefore, A = $^{49 \times 5}/_{7^2}$ = 5. Use the equation A = $kB^2/_C$ = $^{5 \times 36}/_{9}$ = 20.

5. The correct answer is option [C]

Explanation:

$B1G1 \cup G_1B_2$ is the event that the two students selected are a boy and a girl

$(B1G_1 \cup G_1B_2) = Pr(B_1G_2) + Pr(G_1B_2)$

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= Pr(B)

´ $Pr(G_2/B_1)$

+ $Pr(G_1)$ x $Pr(B_2/G_1)$

= 18/30 x 12/29 + 12/30 x 18/29

= 3/5 x 12/29 + 2/5 x 18/29

= 36/145 + 36/145

= 72/145

6. The correct answer is option [B].
PRQ = 90°
Bearing of Q from P = tan = $^4/_3$ = 1.333
=> = 53°8'.

7. The correct answer is option [D]. Solution: a = 12, r = $^1/_2$. Using the equation S = $^a/_{[1 - r]}$ = $^{12}/_{[1 - 1/2]}$ = $^{12}/_{0.5}$ = 24.

8. The correct answer is option [C].

Solution: Hint [Arrange the numbers in increasing order]. 1,1,2,2,3,3,4,5,8,9,10,11,12,14. Therefore, the mean 'A' = $^{[1+1+2+2+3+3+4+5+8+9+10+11+12+14]}/_{14}$ = $^{85}/_{14}$ = 6.07, also the median 'B' = $^{[4+5]}/_2$ = $^9/_2$ = 4.5. A + B = 6.07 + 4.5 = 10.57.

9. The correct answer is option [A]. Solution: $5x^2 - 16xy + z$, z = $[^{16y}/_5]^2$ = $^{8y}/_5$.

10. The correct answer is option [C]

4x - 1/3 ≥ 2/3x –

Subtract 1/3 from both sides

4x ≥ 2/3x - 7/3

Subtracting

2/3x from both sides

10x/3 ≥ -7/3

Divide both sides by 10/3

x ≥ -21/30

= x ≥ -7/10

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11. The correct answer is option [D]. Solution: $T_n = a + [n-1]d$, where a = 7, d = 5; $T_n = 7 + [n-1]5 = 7 + 5n - 5 = 5n + 2$.

12. The correct answer is option [C]. Solution: P[multiple of 3] = 63,66,69,72,75 = $^5/_{16}$

and P[multiple of 5] = 65,70,75 = $^3/_{16}$.

Therefore, P[multiple of 3 and 5] = $^5/_{16} \times ^3/_{16} = ^{15}/_{256}$.

13. The correct answer is option [B]. Solution: $x + 12 > 7x + 9$; $x - 7x = -9 - 12 > -6x = -21$; $x = ^{-21}/_{-6} = 3.5 = 3^1/_2$.

14. The correct answer is option [D]

(a) The latitude is 48°

r = RCos°

= 6400 x Cos 48°

= 6400 x 0.6691

= 4284.24 4282km

(b) The latitude is 63°

r = RCos°

= 6400 x Cos 63°

= 6400 x 0.4540

= 2905.6 2906km

15. The correct answer is option [B]. Solution: $y \alpha x^3$; $y = kx^3$, find the value of k from the equation $k = ^y/x^3 = ^3/3^3 = ^1/_9$, therefore, $y = ^1/_9 \times 9^3 = 81$.

16. The correct answer is option [D]

Explanation:

Let S be the sample space, then

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S = {HH, TT, HT, TH}

n(S) = 4

Let E_2 be the event that the two tails appear, then

E_2 = {TT}, n(E_2) = 1

Pr(E_2) = n(E_2)/n(S) = 1/4

17. The correct answer is option [A]. Solution: T_n = a + [n - 1]d, where T_n = 65, d = 9, n = 10, a = ?

18. The correct answer is option [C]. Solution: $2^1/_2$ $4^1/_5 + {}^7/_4 - {}^1/_3$

$= {}^5/_2$ x
$2^1/_5 + {}^7/_4 - {}^1/_3$ -> $^{21}/_2 + {}^7/_4 - {}^1/_3$ -> $^{49}/_4 - {}^1/_3$

$= {}^{147}/_{12} = 11^{11}/_{12}$.

19. **The correct answer is option** [C]. Solution: Let n{F∩D} = 4; n{D} = 14; n{F' ∩ D} = 14 - 4 = 10.

20. The correct answer is option [C]. Solution: a = 3, r = $^2/_3$. Using the equation S = $^a/_{[1-r]}$ = $^3/_{[1-\,^2/_3]}$ = $^3/_{^1/_3}$ = 3 3 = 9.

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ENGLISH

READ THE PASSAGE AND ANSWER THE FOLLOWING QUESTIONS

Undergraduate students in psychology and education come to their first course in statistics with diverse expectations of and backgrounds in mathematics. Some have considerable formal training and quantitative aptitude and look forward to learning statistics. Others -- perhaps the majority, including some of those who aspire to postgraduate studies -- are less confident in their quantitative skills. They regard a course in statistics as a necessary evil for the understanding or carrying out of research in their chosen fields, but an evil nonetheless.

This third edition, like its predecessor is directed primarily at the latter audience. It was written with the conviction that the statistical concepts can be described simply without loss of accuracy and that they are within the context of their application to concrete data rather than as pure abstractions. Further, its contents are limited to those statistical techniques that are widely used in the literature of psychology and to the principles underlying them.

The changes that have been made in this edition reject both the results of our teaching experience and the increasing prominence being given by statisticians to certain topics. Thus our discussion of some procedures, particularly those in the realm of descriptive statistics, which students grasp easily, have been shortened or rearranged. The treatment of other topics has been expanded. Greater emphasis has been placed on sampling theory, hypothesis, testing and the notion of statistical power.

1. It can be inferred from the passage that the book was written by _____.

A. an educational psychologist.

B. more than one author

C. a prominent statistician

D. a professor of statistics

2. The changes that were made in the book were not motivated by _____.

A. professional experience and popularity of topics

B. teaching experience and statisticians' view of some topics

C. the examination results of previous generations of students

D. the need to avoid areas which students grasp easily.

3. The book discussed in this passage is about _____.

A. Psychology and Education.

B. Mathematics for undergraduate students.

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C. Quantitative skills for postgraduate students.

D. Statistical procedure relating to research.

4. The expression "necessary evil" means _____

A. evil is essential in studying the subject.

B. studying the subject is an unpleasant experience which must be endured.

C. only those who are evil can understand the subject.

D. those lacking in quantitative skills see the subject as an evil.

5. From the passage, we learn that the book discussed has been _____.

A. reprinted twice

B. published three times

C. rewritten three times

D. revised twice

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Comprehension 2:

This passage sums up the two problems peculiar to the book trade which make it different from any other trade - the problem of selection and the problem of stocking. How is the book seller to tell what, in an enormous output, will prove saleable, before the full weight of unsold items affects the balance of his business, and how is he, at the same time, to hold a stock large enough to enable the public to choose freely? He may seek to escape from this dilemma by becoming the passive sales representative of large publishing houses or distribution networks, but he is then no longer a book seller. He may take refuge in the sale of safe items to a restricted circle of customers, but he hereby cuts himself off from all that is vital in his trade and dooms himself to mediocrity and stagnation.

On the other hand, he may protect his business from the danger of idle stock by speculating on the latest publications, but this is a dangerous game in that it implies a constantly changing clientele: readers remain faithful to their own discoveries and failure to follow up a book, an author or a type of literature means dismissing the public responsible for their success.

This brings us back to the fact that books are undefinable. The story is told of a certain country with a great many generals where it was decided to present a rare and valuable edition of an old book to a general about to retire. The old soldier looked at the volume and remarked, 'A book? What's the point? I've already got one!'

6. The problem of selection in the book trade involves _____.

A. holding a stock large enough for the public to choose from

B. determining which books will sell fast

C. being a sales representative of large publishing houses

D. being able to review the latest publications

E. becoming a passive sales representative

The correct answer is option [B].

7. Of all the solutions proposed for the bookseller's problems, how many actually have positive effects?

A. Two

B. Three

C. Four

D. None

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E. One

The correct answer is option [D]

Look at the solutions again and observe that each proposed solution has a side effect afterwards.

8. The story of the old soldier and the book in the passage is an illustration of the point that _____.

A. the general had already got a book

B. a book is of interest only to one who values it

C. soldiers do not like to read books

D. booksellers face a real dilemma because of constantly changing clientele

E. rare and valuable editions of books are no longer wanted

The correct answer is option [B].

9. Books are different from other goods because _____.

A. customers for the book trade are much restricted

B. unlike other goods, books are printed

C. one cannot tell so easily which books will prove saleable

D. books can be kept in stock much longer than other goods

E. booksellers are always idle

The correct answer is option [C].

10. from the passage, books are _____

Readable

Undefinable

Good

Bad

definable

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From the options lettered A-E, choose the word that best completes the sentence.

11. The children were all ears as the teacher narrated the story. This means that they were _____.

A. anxious

B. attentive

C. restless

D. patient

E. distracted

From the options lettered A-E, choose the interpretation that you consider most appropriate for the sentence.

12. Some candidates take examinations in their stride. This means that they _____.

A. prepare hard for them

B. do not worry about them

C. find them insurmountable

D. are familiar with them

E. are reluctant about taking examinations

From the options lettered A-E, choose the interpretation that you consider most appropriate for the sentence.

13. My book has become dog-eared through use. This means that _____.

A. the corners of the pages of my book are crumpled

B. my book is designed like dog's ears.

C. my book is torn.

D. my book is indispensable

E. my book has been unused

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From the options lettered A-E, choose the interpretation that you consider most appropriate for the sentence.

14. His decision to reconcile with his former agent paid off. This means that the reconciliation _____.

A. yielded positive results

B. cost him a lot of money

C. was successful

D. caused him some trouble.

E. paid his bills

Choose from the options lettered A-E, the most appropriate interpretation for the given statement.

15. Incoming students are expected to start registration immediately to avoid bottlenecks. This means they are expected to start registration immediately to avoid _____.

A. being arrested

B. being embarrassed by the school authority

C. forfeiting the admission

D. unnecessary delay

E. being expelled

Choose the option OPPOSITE IN MEANING to the word written in capital letters.

16. The debtor's husband is LIABLE for his wife's debts.

A. unanswerable

B. responsible

C. unquestionable

D. accountable

E. guilty

From the options lettered A - E, choose the one that BEST INTERPRETS the word written in capital letters.

17. Our teacher SELDOM comes late to school.

A. very often

B. always

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C. frequently

D. hardly

E. often

From the options lettered A - E, choose the one that is NEAREST IN MEANING to the word written in capital letters.

18. The bond of unity in this country is FRAGILE.

A. strong

B. weak

C. ductile

D. attractive

E. laudable

From the options lettered A - E, choose the word that is NEAREST IN MEANING to the word written in capital letters.

19. Soon after the accident, the driver came out of the wreckage of the car UNSCATHED.

A. unconscious

B. frightened

C. slightly injured

D. bleeding

E. unhurt

The correct answer is option [E].

Choose the word OPPOSITE IN MEANING to the word in capital letters.

20. She is a PROUD girl.

A. arrogant

B. kind

C. shy

D. gentle

E. humble

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ANSWERS				
1. B	2. B	3. D	4. B	5. A
6. B	7. D	8. B	9. C	10. B
11. B	12. A	13. A	14. A	15. D
16. A	17. D	18. B	19. E	20.E

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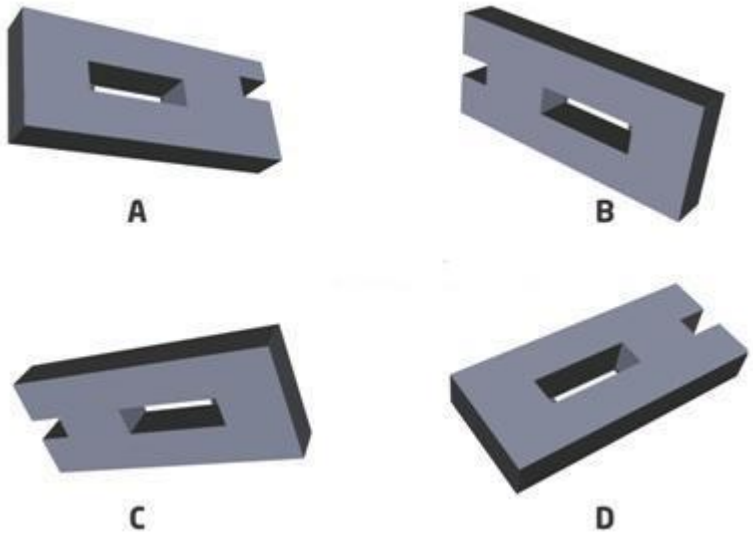
Spatial reasoning

One of the objects is different from the other three. Find out the one which is different in Shape. [Questions 1 to 4]

1.



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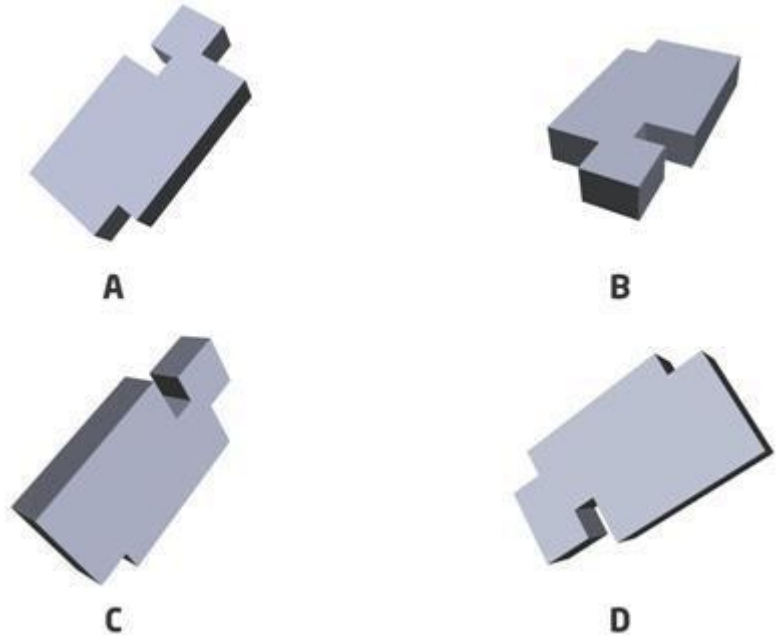

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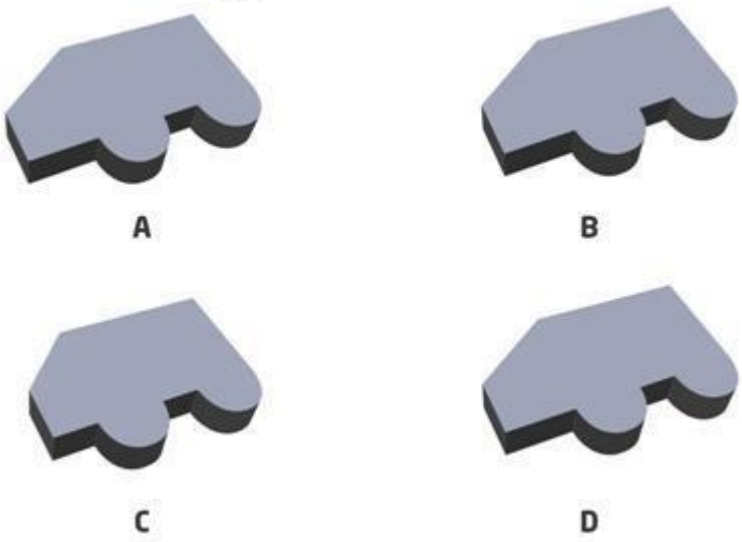

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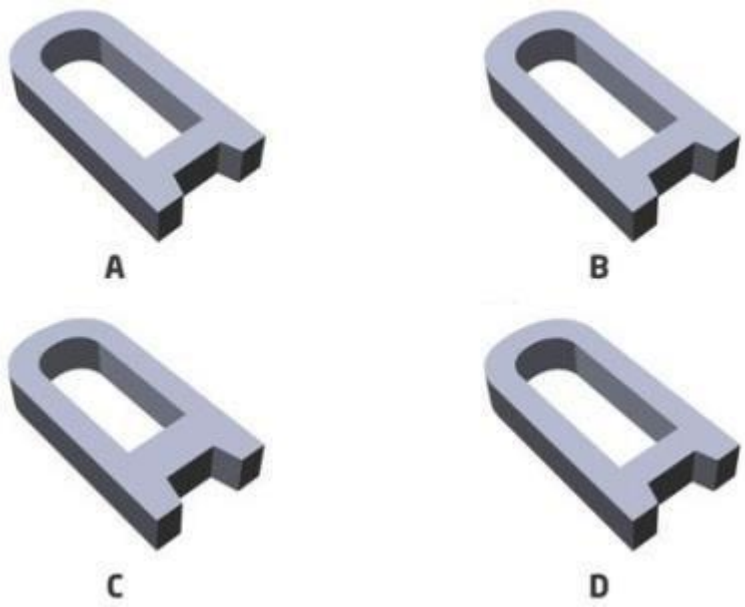

Which Pattern Can be folded to make the cube shown? [Questions 5 to 8]

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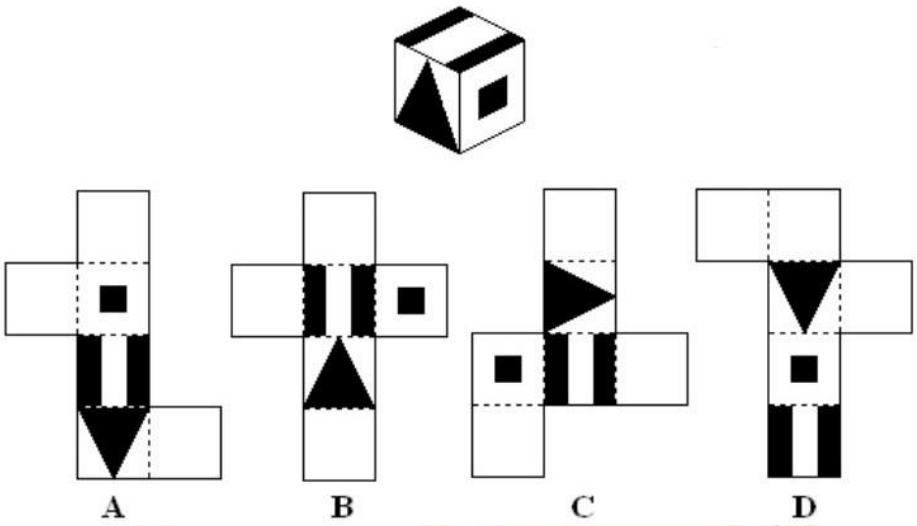
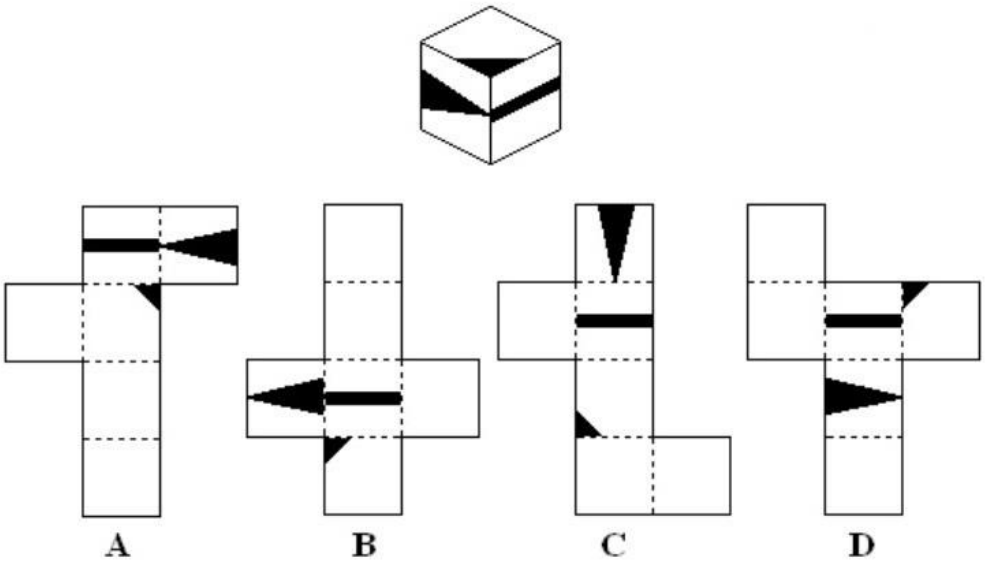
5.



6.



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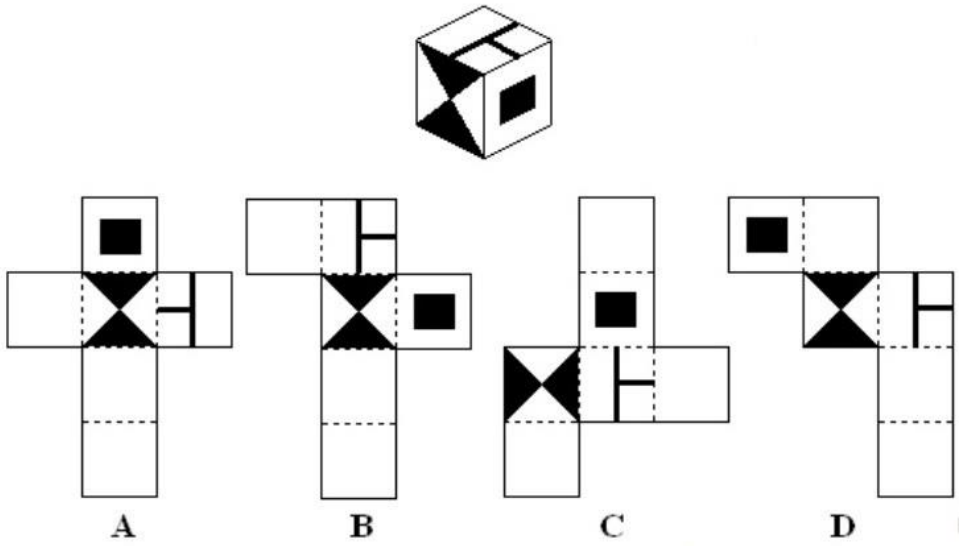
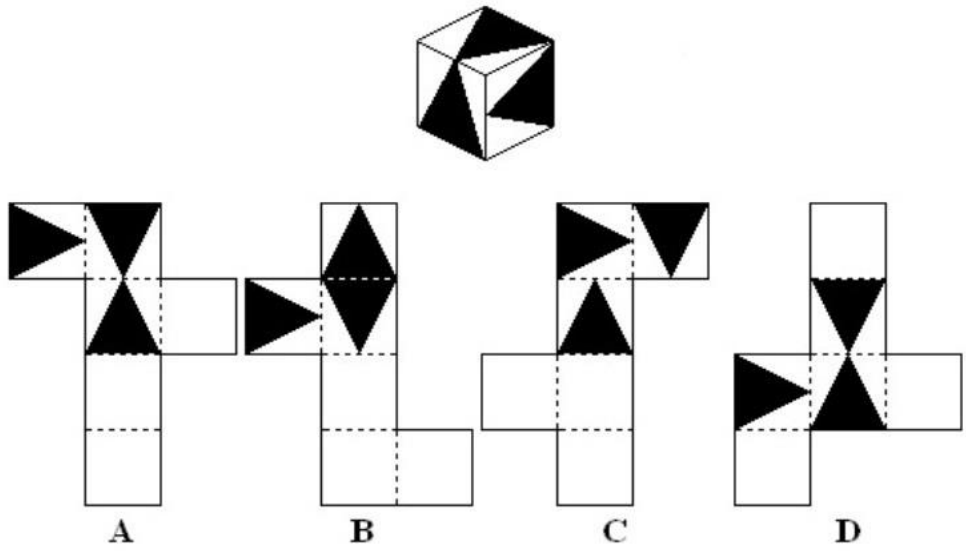
7.



8.



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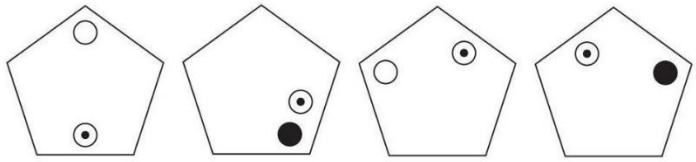
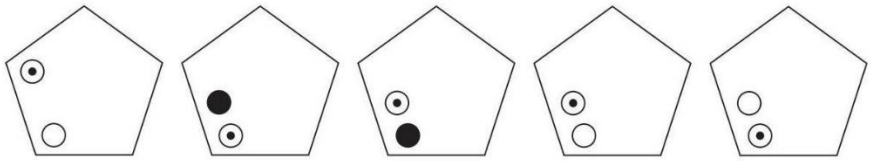


What comes next?



A B C D E

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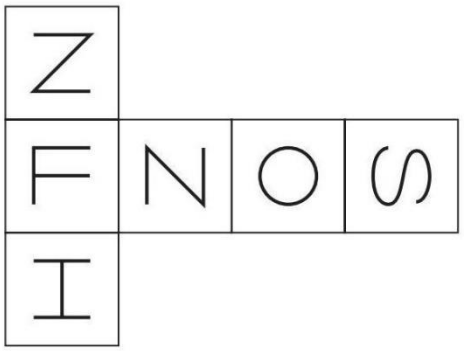
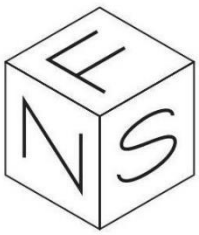
10.



When this shape is folded to form a cube, which is the only one of the following that *can* be produced?

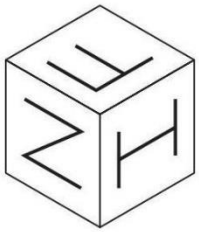


A

B

C

D



E

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ANSWERS				
1. A	2. D	3. C	4. C	5. B
6. A	7. B	8. A	9. D	10. C

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Current affairs

1. The first female chief justice of Nigeria is

   a. Justice Walter Onogen
   b. Justice Kutugi
   c. Justice Aloma Mariam Mukhtar
   d. Justice Bamangar Tukur

2. The first executive president of Nigeria is

   a. Nnamdi Azikiwe
   b. General Buhari
   c. Alh. Shehu Shagari
   d. Shehu Abubakar

3. The first military head of state was

   a. Nnamdi Azikiwe
   b. Late Thomas Aguiyi Ironsi
   c. Alh. Shehu Shagari
   d. Shehu Abubakar

4. The current managing director of NNPC is

   a. Zainab Muhammed
   b. Ibe Kachukwu
   c. Rotimi Ameachi
   d. Ibinabo Sementari

5. The current chairman of EFCC is

   a. Nuhu Ribadu
   b. Ibrahim Magu
   c. Lai Muhammad
   d. Mahmood Yakubu

6. There are ___ local government areas in Nigeria.

   a. 306
   b. 109
   c. 774
   d. 100

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7. There are _____ senators in Nigeria.

a. 306
b. 109
c. 774
d. 100

8. There are _____ members in the house of representatives.

a. 306
b. 109
c. 774
d. 100

9. The lagos school building collapsed on _____.

a. 12/03/19
b. 13/03/19
c. 11/03/19
d. 19/03/19

10. The Ethiopian airline that crashed on the 11th of March, 2019, killed _____ number of people

a. 100
b. 200
c. 157
d. 270

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ANSWERS				
1. C	2. C	3. B	4. A	5. B
6. C	7. B	8. A	9. B	10. C

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TEST GUIDE

THE TEST FORMAT:

NNPC'S Test would usually come in 4 sections. You will required to answer 120 questions In 120minutes. That is one question per minute.

The sections are:

PART A: DIGRAMMATIC REASONING

Questions 1-30

PART B: VERBAL REASONING

Questions 31-60

PART C: QUANTITATIVE REASONING

Questions 61-90

PART D: SPATIAL REASONING.

Questions 91-120

The test may also sometimes include field specific questions relating to the field you are applying to. This happened in 2015.

The field specific questions are usually classified as General Knowledge.

ABOUT THIS STUDY PACK:

This study pack will help you prepare for the main sections of the test.

Other supporting materials that came with your study pack will also help you prepare for any other likely questions that may appear.

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SECTION-1

QUANTITATIVE REASONING

30 Questions will be drawn from this section, It is advisable to practice without using calculator, as calculators may not be allowed in the test. Most often, it is not allowed.

This questions pack has 300 of these past quantitative reasoning questions.

You should pick 30 questions and manually set your time to 30 minutes, to see how fast you can solve these questions in the real test.

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NNPC RECRUITMENT - Quantitative Reasoning Questions

1
If I give you seven apples, you will then have five times as many as I would then have, however, if you give me seven apples, we will then both have the same number of apples. How many apples do we currently have?

A. I have 24 apples and you have 18 apples.
B. I have 10 apples and you have 32 apples.
C. I have 18 apples and you have 24 apples.
D. I have 14 apples and you have 28 apples.
E. I have 12 apples and you have 20 apples.

The correct answer is option [D]

2
If it takes Seyi twenty minutes to boil an egg in 1.5 litres of water, how long will it take Ala who is 3 years older than Seyi to boil 4 eggs in 1.5 litres of water?

A. 10 minutes
B. 20 minutes
C. 25 minutes
D. 5 minutes
E. 80 minutes
The correct answer is option [B]

3
Amakiri spent N125 for a camera and some film. The camera cost N100 more than the film. What percent of the cost of the two items did Amakiri spend for the camera?

A. 40%
B. 90%
C. 60%
D. 100%
E. 20%
The correct answer is option [B]

4
How many two cent stamps are there in a dozen?

A. 2
B. 10
C. 12
D. 24
E. 30
The correct answer is option [C]

A dozen of anything is twelve (12)

5
The price of garri rose by 40% last week and fell by 40% this week. What is the total rise or fall in percentage?

A. 40%
B. 16%
C. 20%
D. 100%
E. 67%
The correct answer is option [B]

6
The average weight of a class of 24 students is 36 years. When the weight of the teacher is also included, the average weight increases by 1kg.
What is the weight of the teacher?

A. 37kgs
B. 45kgs
C. 61kgs
D. 72kgs
E. 75kgs
The correct answer is option [C]

7
Mr. Kalada is three times as old as his son. After fifteen years, Mr. Kalada will be twice as old as his son's age at that time. Hence, Mr. Kalada's present age is_____.

A. 48
B. 45
C. 42
D. 36
E. 28
The correct answer is option [B]

8
What number comes next in this sequence? 917452, 97452, 9745, 975, ?

A. 975
B. 974
C. 97
D. 95
E. 94
The correct answer is option [C]
97. The least digit in each number gets dropped.

9
There is a pole in a lake. One-half of the pole is in the ground, another one-third of it is covered by water, and 12 ft is out of the water. What is the total length of the pole in ft?

A. 12 ft
B. 34 ft
C. 56 ft
D. 64 ft
E. 72 ft
The correct answer is option [E]

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Solution:
Fraction of pole in the ground = 1/2 Fraction of pole covered by water = 1/3
Fraction of pole in the ground and covered by water = 1/2
+ 1/3 = (3 + 2)/6 = 5/6
Fraction of pole out of water = 1 - 5/6 = 1/6 Thus, one-sixth of the pole (out of water) is 12 ft. So, total length of pole = 72 ft.

It may be noted that:
Length of pole in the ground = 72/2 = 36 ft. Length of pole covered by water = 72/3 = 24 ft. Length of pole out of water = 12 ft.
Total = 36ft + 24ft + 12ft = 72ft

10
Boneri was 24 when his son Ibifuro was born. If Boneri is now 3 times as old as Ibifuro, how many years ago was Boneri 4 times as old as Ibifuro?

A. 4
B. 6
C. 8
D. 12
E. 18
The correct answer is option [A]

11
Amakiri bought a bike for N20 and gave the bike dealer a cheque for N30 to pay for it. The bike dealer persuaded a shopkeeper to change the cheque for him. Amakiri having received his N10 change, rode off on the bike and was not seen again. Later, the cheque was found to be valueless and the bike dealer had to refund the shopkeeper the amount he had received. The bike dealer had bought the bike for N10. How much did the bike dealer lose altogether?

A. N40
B. N30
C. N20
D. N10
E. The bike dealer did not lose any money The correct answer is option [C]

He lost N20. N10 as change for the cheque and N10 for the bike originally.

12
The drive from Oakland to Pinewood was a tricky one. I covered the uphill distance of 55 miles at 35 miles per hour. The return journey from Pinewood to Oakland was downhill, and I managed to drive at 63 miles per hour. What was my average speed for the entire journey?

A. 60
B. 55
C. 50
D. 45
E. 40
The correct answer is option [D] Solution:

It it important to note that
Average speed = Total distance / Total time. Total distance = 2 x 55 miles.
Time for uphill journey (from Oakland to Pinewood) = 55 / 35 hours.

Time for downhill journey (from Pinewood to Oakland) = 55 / 63 hours.
Total time = (55 / 35) + (55 / 63) = 22 / 9 hours.
Average speed = Total distance / Total time = 45 miles per hour

13
The average cost of 5 oranges and 4 guava is 36 naira. The average cost of 7 oranges and 8 guava is 48 naira.
What is the total cost of 24 oranges and 24 guava?

A. 1044 naira
B. 2088 naira
C. 720 naira
D. 324 naira
E. 198 naira
The correct answer is option [B]

14
Below are the 90th through 99th prime numbers. What is the 100th prime number?
463, 467, 479, 491, 499, 503, 509, 521, 523, ?

A. 527
B. 529
C. 537
D. 541
E. 543
The correct answer is option [A]

15
If P = {a, e, i, o, u} and Q = {a, e, i, u}, what is PUQ?

A. {a, e. i, u}
B. {a}
C. {a, e, i, o, u}
D. {i, o, u}
E. {a e}
The correct answer is option [C] 16

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Teacher: You appeared for 4 quizzes, and your average mark in them were 82.

Student: How did I fare in English?
Teacher: Well, your average in English Language and English Literature is 75.

Student: So, how was my performance in the remaining subjects?
Teacher: I am sure you can figure that out for yourself.

Can you help the student find his average marks in the remaining subjects?

A. 75
B. 78
C. 82
D. 88
E. 89
The correct answer is option [E]

Solution:
Total marks in 4 subjects = 4 x 82 = 328.
Total marks in 2 English subjects = 2 x 75 = 150.
Total marks in remaining 2 subjects = 328 - 150 = 178.
Average marks in remaining 2 subjects = 178/2 = 89.

17
There are ten teams in a basketball league. During the season, each team plays the others five times. How many games are played in the basketball league in total?

A. 45 B. 125 C. 225 D. 450
The correct answer is option [C]
Each team plays 45 games (9 other teams multiplied by 5 games against each). Multiply 45 by the number of teams, and then divide by 2 since each game includes two teams.

18
A garrison of 3300 men has provisions for 32 days when given at a rate of 850 grams per head. At the end of 7 days reinforcement arrives and it was found that now the provisions will last 8 days less when given at the rate of 825 grams per head. How many more men can it feed?

A. 1500 men
B. 1600 men
C. 1700 men
D. 1900 men
E. 2000 men
The correct answer is option [C]

19
If 13 = 13w/(1-w), then (2w)2 =

A. 1/4 B. 1/2
C. 1
D. 2
E. 3
The correct answer is option [C]

20
A cricketer's average in his first 20 innings was 15 runs per innings. After a further 10 innings, his average had increased to 17 runs per innings. What was his average for the last 10 innings?

A. 19 runs
B. 18 runs
C. 17 runs
D. 20 runs
E. 21 runs
The correct answer is option [E]

His average was 21 runs per innings

21
A work is done by two people in 24 min. If one of them can do this work alone in 40 min, how much time is required to do the same work for the second person?

A. 24 min
B. 35 min
C. 40 min
D. 60 min
E. None of the above
The correct answer is option [D]
Solution
(A+B) can do the work in = 1/24 min.
A alone can do the same work in = 1/40 min.
B alone can do the same work in = (A+B)'s - A's = 1/24 - 1/40 = 1/60
Therefore, b can do the same work in = 60 min

22
Find a number whose double exceeds its half by exactly 99.

A. 33
B. 44
C. 55
D. 66
E. 77
The correct answer is option [D]

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23
Two cogged wheels of which one has 32 cogs and the other 54 cogs, work into each other. If the latter turns 80 times in three quarters of a minute, how often does the other turn in 8 seconds?

A. 48
B. 24 C. 135 D. 138
E. None of the above
The correct answer is option [B]

24
A snake slides through a long cylindrical hole in the ground at 6 centimetres per second. The hole is 7.5 metres in length. The snake takes 14 seconds to enter the hole. How many seconds does the snake take to exit the hole after entering it?

A. 125 seconds
B. 120 seconds
C. 110 seconds
D. 105 seconds
E. 90 seconds
The correct answer is option [A]

The snake has exited the hole when its tail just leaves the hole. The distance traveled from the time the snake's tail just enters the hole till its tail just leaves the hole equals the length of the hole. Thus,

Time for the snake to exit the hole after entering it = Length of the hole / Speed = = (7.5 m) / (6 cm/s) = (750 cm)
/ (6 cm/s) = 125 seconds.

25
Seyi, during a half -price sale, bought a book for the usual price and a second book for one -half the usual price. If she paid 90 kobo for the 2 books, what was the usual price for a book?

A. 40k
B. 50k
C. 60k
D. 70k
E. 80k
The correct answer is option [C]

26
An inter-agency task force has representatives from 3 different agencies. Half of the task force members represent agency A, one-third represent agency B and three represent agency C. How many people are on the task force?

A. 12
B. 30
C. 24
D. 18
E. 15
The correct answer is option [D]

27
At 10 a.m. two trains started traveling toward each other from stations 287 miles apart. They passed each other at 1:30 p.m. the same day. If the average speed of the faster train exceeded the average speed of the slower train by 6 miles per hour, which of the following represents the speed of the faster train, in miles per hour?

A. 38mi/h
B. 40mi/h
C. 44mi/h
D. 48mi/h
E. 50mi/h
The correct answer is option [C] da = a * 3.5 h
Similarly, the distance traveled by the second train is db = b * 3.5 h
We know that they started 287 miles apart, s da + db = 287 mi
If we plug in our previous equations, we get

(a * 3.5 h) + (b * 3.5 h) = 287 mi (a + b) * 3.5 h = 287 mi
a + b = 287 mi / 3.5 h a + b = 82 mi/h
Now, the next thing we're told is that the average speed of the faster train exceeded the average speed of the slower train by 6 miles per hour. So

a = b + 6
If we plug that into the above equation, we get

(b + 6) + b = 82 mi/h 2b + 6 = 82 mi/h
2b = 76 mi/h
b = 76 mi/h / 2 b = 38 mi/h
Now that we know the speed of the slow train, we can find the speed of the fast train.

a = b + 6 mi/h
a = 38 mi/h + 6 mi/h a = 44 mi/h

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28
Nnaemeka markets his goods to gain 45%. He allows 10% discount for cash. Find his percentage profit when sold for cash.

A. 30.5%
B. 34.5%
C. 36.5%
D. 38.5%
E. 34.2%
The correct answer is option [A]

29
If during a one-year period, the dividend paid on a certain share of stock was equal to 8 percent of the par value of the stock, then what is the fraction of the dividend paid of the par value of the stock?

A. 1/50 B. 1/25 C. 2/25 D. 2/50 E. 2/100
The correct answer is option [C]

30
Each interger from 1 to 50, whose unit digit is a 3, is written on a separate slip of paper. If the slips are placed in a box and one is picked at random, what is the probability that the number picked is a prime?

A. 1/2 B. 2/3 C. 4/5 D. 3/4 E. 3/5
The correct answer is option [C]

31
One day a slug fell into a hole that was 19 feet deep. Each day he climbed up 4 feet. At night, he slid down 2 feet. How many days did it take him to climb out of the hole?

A. 6days
B. 13 days
C. 11 days
D. 9 days
E. 7 days
The correct answer is option [D]

32
If 3/p = 6 and 3/q = 15 then p - q = .

A. 1/3
B. 2/5 C. 3/10 D. 5/6
E. cannot be determined
The correct answer is option [C]

33
Half the graduating class of a college was accepted by a business school. One third of the class was accepted by a law school. If one-fifth of the class was accepted to both types of school, what fraction of the class was accepted only by a law school?

A. 1/60 B. 2/15 C. 1/3 D. 1/2 E. 4/5
The correct answer is option [B]

34
Tammy bought excercise books at 5,000 naira a gross. What is the price of one exercise book?

A. 36.72 naira
B. 45.72 naira
C. 41.72 naira
D. 34.72 naira
E. Insufficient data
The correct answer is option [D]

35
432 naira is divided amongst three workers Boma, Soty and Titi such that 8 times Boma's share is equal to 12 times Soty's share which is equal to 6 times Titi's share.
How much did Boma get?

A. 192 naira
B. 133 naira
C. 144 naira
D. 128 naira
E. 115 naira
The correct answer is option [C]

36
If 1/2 x years ago John was 12 and 1/2x years from now he will be 2x years old, how old will he be 3x years from now?

A. 18
B. 24
C. 30
D. 54
E. It cannot be determined from the information given

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The correct answer is option [D]

37
Ala is half as old as Blessing, and Blessing is half as old as Qiana. If Ala is 18 years old, what is the sum of their ages?

A. 126
B. 36
C. 24
D. 45
E. 54
The correct answer is option [A]

38
When a student weighing 45 kgs left a class, the average weight of the remaining 59 students increased by 200g. What is the average weight of the remaining 59 students?

A. 57kgs
B. 56.8kgs
C. 58.2kgs
D. 52.2kgs
E. 50.2kgs
The correct answer is option [A]

39
To 15 litres of water containing 20% alcohol, we add 5 litres of pure water. What is the % of alcohol?

A. 5% B. 10% C. 15% D. 20% E. 25%
The correct answer is option [C]

40
A set of football matches is to be organized in a "round-robin" fashion, i.e., every participating team plays a match against every other team once and only once. If 21 matches are totally played, how many teams participated?

A. 15
B. 12
C. 7
D. 5
E. 3
The correct answer is option [C] Solution:

If 7 teams participated, then the first team plays matches against the other 6 teams. The second team has already played against the first team, and so has to play matches against only the other 5 teams. In this manner, the second- last team has to play against only one team, and the last team has already played against all the teams. Thus, the total number of matches is

6 + 5 + ... + 2 + 1 = 21.

If 21 matches are totally played, then 7 teams participated. 41
In 1997, a particular item A cost N2,500. In 1998, the price of A went up 20% because of inflation while in early 1999 there was a 10% increase in the price of A over its 1998 price. In June of 1999, A was put on sale with a 30% decrease in price. What is the actual price it was sold for?

A. 2500
B. 2400
C. 2310
D. 2110
E. 2210
The correct answer is option [C]

42
Two trains running on the same track travel at the rates of 25 and 30 miles an hour. If the first train starts out an hour earlier, how long will it take the second train to catch up with it?

A. 2hr
B. 3hr
C. 4hr
D. 5hr
E. 1hr
The correct answer is option [D]

43
A motorcycle stunts man belonging to a fair, rides over the vertical walls of a circular well at an average speed of 54 kph for 5 minutes. If the radius of the well is 5 meters, then the distance traveled is kph.

A. 2.5
B. 3.5
C. 4.5
D. 5.5
E. 6.5
The correct answer is option [C]

44
The length of a rectangle is 9 centimeter more than half the width. Find the length if the perimeter is 60 centimeters.

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A. Length = 14cm, Width = 14cm
B. Length = 14cm, Width = 16cm
C. Length = 16cm, Width = 14cm
D. Length = 19cm, Width = 14cm
E. Length = 16cm, Width = 11cm The correct answer is option [C]

Solution:

Perimeter = 2(length + width) 60cm = 2[width + 9+(1/2width) 60cm=2width + 2 (9+1/2width)
Distribute the 2 and you get 60cm= 2width + 18 + 1width.
Combine the widths. And subtract 18 from both sides 42cm= 3 width
Divide both sides by 3 to get the length of the width. Width=14cm.
Then plug it into the equation for the length and you should get 16cm.

45
If I buy a melon and a coconut, the cost will be N1.19. If I buy a melon and a pineapple, the cost will be N1.45. If I buy a coconut and a pineapple, the cost will be N1.40. What are the individual prices?

A. Pineapple = 85k, coconut = 57k, melon = 65k
B. Pineapple = 83k, coconut = 57k, melon = 62k.
C. Pineapple = 89k, coconut = 56k, melon = 62k.
D. Pineapple = 83k, coconut = 67k, melon = 60k.
E. Pineapple = 82k, coconut = 56k, melon = 61k. The correct answer is option [B]
Let the price of melon be x, coconut be y, pineapple be

z x + y = 119-----(i)

x + z = 145----(ii)

y + z = 140----(iii)

x = 119 - y----(iv)

substitute in equation (ii) 119 - y + z = 145

z - y = 26---(v)

z = 26 + y----(vi)

substitute the value into equation (iii)

y + 26 + y = 140

2y = 114

y = 57k, z = 83k, x = 62k.

47
The ages of a father and son add up to 66. The digits of the father's age are those of son's age reversed. How old could they be?

A. 42, 24
B. 44, 22
C. 45, 54
D. 47, 19
E. None of the above
The correct answer is option [A]

48
There are 200 questions on a 3 hour examination. Among these questions are 50 mathematics problems. It is suggested that twice as much time be spent on each maths problem as for each other question. How many minutes should be spent on mathematics problems?

A. 36
B. 60
C. 72
D. 86 E. 100
The correct answer is option [C]

49
Seyi prefers 16 to 17, 400 to 401 and 100 to 103. Which of the following numbers below does she prefer?

A. 120
B. 301
C. 225
D. 171
E. 404
The correct answer is option [C]
Seyi prefers numbers that are squares i.e. $\sqrt{16} = 4$; $\sqrt{400} = 40$; $\sqrt{100} = 10$. The only number among the options that is a square is 225.

50
The Brainfriend calculator is low on batteries again. The following multiplication is wrong. Each line has the correct numbers, but mixed up. The solution is correct though. What is the correct multiplication?
2147
3725 *

22084429

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A. 1427 * 5237
B. 7421 * 3235
C. 2147 * 2735
D. 2147 * 7325
E. 4217 * 5237
The correct answer is option [E]

51
Lovena sells to Onyeka at a gain of 20%. Onyeka sells to Belema at the price Lovena paid. What does Onyeka lose in percentage?

A. 20.67%
B. 17.67%
C. 16.67%
D. 15.67%
E. 14.57%
The correct answer is option [C]

52
A fire engine was rushing to put out a small fire 15 miles away. The fire engine set out with 120 gallons of water, however, the water tank had a leak and the fire engine was

losing water at the rate of 2 gallons per minute. The fire engine travelled at a constant speed of 30 miles per hour. If the fire required 50 gallons of water, what was left?

A. 90 gallons
B. 80 gallons
C. 70 gallons
D. 60 gallons
E. 50 gallons
The correct answer is option [D]

53
On my local railway track there is a tunnel which is5 miles long. A train, which was 440 yards long, entered the tunnel at a speed of 50 miles per hour. How long did it take for the whole of the train to pass completely through the tunnel? [Note: there are 1760 yards in a mile].

A. 6 minutes and 22 seconds
B. 6 minutes and 21 seconds
C. 6 minutes and 20 seconds
D. 6 minutes and 19 seconds
E. 6 minutes and 18 seconds The correct answer is option [E]

6 minutes and 18 seconds. The train has to effectively travel 5.25 miles at 50 mph. Time = Dist / Speed = 5.25 / 50
= 0.105 hours = 6.3 minutes = 6 minutes 18 seconds.

54
What is N in the series? 6, 9, 27, 54, N, 2241.

A. 108
B. 675
C. 1125
D. 2041
The correct answer is option [B]
The next number in the sequence is n squared minus m or
f(n,m) = n2 - m
f(6,9) = 62 - 9 = 27
f(9,27) = 92 - 27 = 54
f(27,54) = 272 - 54 = 675
f(54,675) = 542 - 675 = 2241

55
This equation contains the numbers 1-8. Can you complete it?
6*
×
**

_____
3712

A. 48 x 62
B. 54 x 58
C. 63 x 54
D. 64 x 58
E. 61 x 58
The correct answer is option [D]

56
Low temperature at night in a city is 1/3 more than 1/2 high as higher
temperature in a day. Sum of the low temperature and highest temperature is 100o . What is the low temp?

A. 20o
B. 30o
C. 40o
D. 50o
E. 60o
The correct answer is option [C]

57
(1/4) 3 + (3/4)3 + 3(1/4)(3/4)(1/4 + 1/4) =_____.

A. 1/64

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B. 27/64
C. 0
D. 1
E. -1
The correct answer is option [D]

58
Exactly three years before the year in which Anna was born, the year was 1980-x. In terms of x, on Anna's twentieth birthday, the year will be

A. 1977 + x B. 1997 + x C. 2003 - x D. 2003 + x E. 2003
The correct answer is option [C]

59. Complete the series in the sequence. 18984, 9492, 4746, 2373_____.

A. 1186
B. 1156.2
C. 1186.5
D. 1234.6
E. 19894
The correct answer is option [C]

60
Tonye put six different colored beans in a bag. She had red, blue, pink, orange, yellow, and purple colored beans. There were a total of 30 beans in the bag. If there were 4 red beans, 2 blue beans, 6 pink beans, 5 orange beans, 4 yellow beans, and 9 purple beans, what is the probability that someone could pull a pink or a yellow bean out of the bag?

A. 1/3 B. 1/4 C. 1/5 D. 1/6 E. 1/7
The correct answer is option [A]

You have a one third chance of getting a pink or a yellow bean.
6+4=10
10/30 = 1/3

61
A cube whose edges are 6 inches is painted blue. The cube is then cut into smaller cubes, all of which have edges that are 2 inches long. How many small cubes have no paint on them?

A. 1
B. 2
C. 6
D. 8
E. 18
The correct answer is option [B]

62
Two trains move in the same direction at 50 kmph and 32 kmph respectively. A man in the slower train observes the 15 seconds elapses before the faster train completely passes by him.

What is the length of the faster train?

A. 25m
B. 50m
C. 75m
D. 100m
E. 125m
The correct answer is option [C]

63
The Roman numeral MCMLXXXIV is_____.

A. 1984
B. 1994
C. 1874
D. 1884
E. 1918
The correct answer is option [A] M - 1000
CM - 900
L - 50
XXX - 30
IV - 4

64
If it is 2:30, what time will it be when the hour hand has moved through an angle of 10 degrees?

A. 2:35
B. 2:50
C. 2:15
D. 3:15
E. 11:15
The correct answer is option [B]

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65
Three pipes, A, B, & C are attached to a tank. A & B can fill it in 20 and 30 minutes respectively, while C can empty it in 15 minutes. If A, B & C are kept open successively for 1 minute each, how soon will the tank be filled?

A. 163 minutes
B. 164 minutes
C. 165 minutes
D. 166 minutes
E. 167 minutes
The correct answer is option [E]

66
A boutique in Port Harcourt decided to calculate the percentage of customers who purchase hats. If 40 of the store customers decide to purchase items and of those customers 15 percent purchased hats, what is the percentage of hat customers?

A. 4%
B. 6% C. 15% D. 24% E. 55%
The correct answer is option [B]

67
Juny is now twice as old as Emi, but 6 years ago she was 5 times as old as he was.
How old is Juny now?

A. 10
B. 16
C. 20
D. 24
E. 32
The correct answer is option [B]

68
Divide 80 by 1/2 and add 40 to the result. What is the final answer?

A. 80 B. 120 C. 160 D. 200 E. 240
The correct answer is option [A]

70
Complete the sequence in the series: 1, 2, 10, 37, 101, ____.

A. 156
B. 196
C. 226
D. 256
E. 296
The correct answer is option [C]

2 - 1 = 1; 10 - 2 = 8; 37 - 10 = 27; 101 - 37 = 64;
The differences between two consecutive numbers are 1, 8, 27, 64, ... (cubes of integers starting with 1).
So, 101 + 53 = 101 + 125 = 226

71
A man named Ike says "I am only three times my son's age. My father is 40 years more than twice my age. Together the three of us are a mere 1,240 years old." How old is Ike?

A. 360 years old
B. 361 years old
C. 362 years old
D. 363 years old
E. 364 years old
The correct answer is option [A]

72
Complete the sequence in the series: 1, 3, 6, 10, 15, .

A. 17
B. 18
C. 19
D. 20
E. 21
The correct answer is option [E]

3 - 1 = 2; 6 - 3 = 3; 10 - 6 = 4; 15 - 10 = 5;
The differences between two consecutive numbers are 2, 3, 4, 5, 6, ...
So, 21 - 15 = 6.
Alternatively, 1 + 2 = 3; 1 + 2 + 3 = 6; 1 + 2 + 3 + 4 = 10;
1 + 2 + 3 + 4 + 5 = 15; 1 + 2 + 3 + 4 + 5 + 6 = 21;
The nth term in the sequence is given by n (n + 1)/2. The numbers are often referred to as triangular numbers.

73
Which of the following is the number under 1000 which has the most divisors? e.g. 21 has the divisors, 1, 3, 7, and 21.

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A. 670
B. 740
C. 840
D. 980
E. 999
The correct answer is option [C] 840: which has 32

divisors.

75
Mrs. Priscillia receives a salary of N1,500 per week plus 2 percent commission on sales. What was her total earning for a week in which her sales was N29,230?

A. N2,084.60 B. N2,184.60 C. N2,284.60 D. N2,384.60
E. N2,484.60
The correct answer is option [A]

76
If the difference of two numbers is 10 and their product is 13, what is the sum of their squares?

A. 125
B. 126
C. 100
D. 169
E. None of the above
The correct answer is option [B]

Solution:

Let a and b be the two numbers. Then, a - b = 10 and ab = 13

Now, (a - b)2 = (a - b) (a - b) = a2 - 2ab + b2 So, 102 = a2 - 2(13) + b2

100 + 26 = a2 + b2
Thus, a2 + b2 = 126

77
Can you find three consecutive primes which total 190747 when multiplied together?

A. 53, 59 and 61
B. 59, 61 and 67
C. 53, 67 and 73
D. 59, 61 and 69
E. 53, 69 and 71
The correct answer is option [A]

78
Complete the sequence in the series: 500, 475, 425, 350, 250, .

A. 225
B. 200
C. 172
D. 150
E. 125
The correct answer is option [E]

500 - 475 = 25; 475 - 425 = 50; 425 - 350 = 75; 350 - 250 = 100;
The differences between two consecutive numbers are 25, 50, 75, 100, 125, ...
So, 250 - 125 = 125.

79
The average wages of a worker during a fortnight comprising 15 consecutive working days was Rs.90 per day. During the first 7 days, his average wages was Rs.87/day and the average wages during the last 7 days was Rs.92
/day.
What was his wage on the 8th day?

A. 83
B. 92
C. 90
D. 97 E. 102
The correct answer is option [D]

80
If Ateli lends N400 for 9 months, Ibikari lends N300 for 8 months, and the interest paid is N25, how much should Ateli receive?

A. N10
B. N12
C. N15
D. N17
E. N18
The correct answer is option [C]

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81
The current ratio of boys to girls at a certain school is 2 to
5. If 12 additional boys were added to the school, the new ratio of boys to girls would be 4 to 9. How many boys currently attend the school?

A. 118
B. 108
C. 72
D. 54
The correct answer is option [B]

82
Joan and Jane are sisters. Jean is Joan's daughter and 12 years younger than her aunt. Joan is twice as old as Jean. Four years ago, Joan was the same age as Jane is now, and Jane was twice as old as her niece. How old is Jean?

A. 32
B. 28
C. 22
D. 16
E. 14
The correct answer is option [D] Joan is 32, Jane is 28,

and Jean is 16

83
What is the missing number?

2, 3, 4, 15 ,12
3, 4, 5, 28, 20
4, 5, 6, 45, 30
5, 6, 7, 66, 42
6, 7, 8, ??, 56

A. 132
B. 112
C. 100
D. 91
The correct answer is option [D] f(n,m) = (n + m) * m
For example, f(2,3) = (2 + 3) * 3 = 15.
Thus f(6,7) = (6 + 7) * 7 = 91

83
What is the missing number? 2, 3, 4, 15 ,12

3, 4, 5, 28, 20

4, 5, 6, 45, 30

5, 6, 7, 66, 42
6, 7, 8, ??, 56

A. 132
B. 112
C. 100
D. 91
The correct answer is option [D] f(n,m) = (n + m) * m
For example, f(2,3) = (2 + 3) * 3 = 15.
Thus f(6,7) = (6 + 7) * 7 = 91

84
The monthly salaries of Kunle and Femi are in the ratio of 4:7. If each receives an increase of 25 naira in the salary, the ratio is altered to 3: 5. Find their respective salaries.

A. 120 naira and 210 naira
B. 80 naira and 140 naira
C. 180 naira and 300 naira
D. 200 naira and 350 naira
E. 250 naira and 500 naira
The correct answer is option [D]

85
Replace the question marks with one mathematics symbols (e.g. + - / x) and make the equation correct

(9 ? 1) ? (7 ? 6) ? (8 ? 4) = 3

A. +
B. -
C. /
D. x
E. None of the above
The correct answer is option [B] (9 - 1) - (7 - 6) - (8 - 4) = 3.

86
What is the number that is one half of one quarter of one tenth of 400?

A. 5
B. 15
C. 8
D. 10
E. 40
The correct answer is option [B] Solution:
1/10 of 400 is 40
1/4 of 40 is 10
3/2 of 10 is 15

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87
James said that he was born on February 29, 1900. What birthday will he celebrate in the year 2000?

A. 100
B. 1,000
C. 101
D. 1,0001
E. None of the above
The correct answer is option [E]

He celebrates his birthdays in leap years. In 2000, he will be 25years old. However, the year 1900 was not actually a leap year.

88
14,500 people are sitting in a stadium. One of them is picked out. What are the chances that the person's birthday is on a Sunday?

A. 1/14,500 B. 1/7
C. 7/14,500 D. 1/14,501 E. 1/6
The correct answer is option [B]

1/7. The amount of people in the crowd is irrelevant.

89
Obomate is 2 years older than Kunle, who is twice as old as Joe. If the ages of the three total 57 years, how old is Kunle?

A. 10years
B. 11years
C. 22years
D. 33years
E. 44years
The correct answer is option [C] Solution:
Let Joe's age be represented by x Kunle's age is 2x

Obomate's age is 2x + 2 57 = x + 2x + 2x + 2
55 = 5x
x = 11
Kunle's age is 2 2 years.

90
Diki likes soda very much. At the local convenience store, for 5 empty soda bottles she receives a full bottle. As part of the Girl Guide's recycling initiative, she manages to collect 77 empty bottles. How many bottles of soda will she be able to drink in total?

A. 77
B. 19
C. 20
D. 21
E. 22
The correct answer is option [B]

19 bottles: from the initial 77 bottles, she receives 15 full bottles (with 2 spare empties). From the 17 empties, she receives 3 more full bottles (with 2 spare empties). From the 5 empties she receives one final full bottle.

91
Take the number of your fingers multiplied by the number of your toes divided by half and add it to the number of months in a year. What is the total?

A. 212
B. 202
C. 192
D. 186
E. 172
The correct answer is option [E]

We have 8 fingers and 2 thumbs
= 8x10 = 80÷1/2 = 160 + 12=172

92
A pillar 8 feet tall casts a shadow 4 feet long on the ground. If the pillar was 12 feet tall, how many feet in length would the shadow cast?

A. 12 feet
B. 8 feet
C. 6 feet
D. 4 feet
E. 2 feet
The correct answer is option [C]

Solution:
The lengths of the shadows are to one another as the heights of the pillars. Thus,
Length of the shadow for a pillar 12 feet tall
= (12 / 8) x 4 = 6 feet.

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93
Two people start at the same point and walk in opposite directions. If one walks at the rate of 4 miles per hour and the other walks at the rate of 6 miles per hour, in how many hours will they be 40 miles apart?

A. 1
B. 2
C. 3
D. 4
E. 5
The correct answer is option [D]

94
Arrange the following numbers in ascending order of magnitude: 8, 9, 4, 6, 2, 4, 7, 5, 15, 12.

A. 15, 12, 9, 8, 7, 6, 5, 4, 2
B. 2, 4, 4, 5, 6, 7, 8
C. 2, 4, 4, 5, 6, 7, 8, 9, 12, 15
D. 15, 12, 9, 8, 2, 4, 4, 5,
E. None of the above
The correct answer is option [C]

95
What row of numbers comes next?

1
11
21
1211
111221
312211
13112221

A. 1123123111
B. 11123113211
C. 1132113211
D. 1113213211
E. 1111132231

The correct answer is option [D]
Starting with the second line, every line describes the line before it. In writing, it is:
One One Two Ones
One Two One One etc.

96
What is the smallest number by which 2880 must be divided in order to make it a perfect square?

A. 6
B. 5
C. 4
D. 3
E. 2
The correct answer is option [B]

97
If 20 men or 24 women or 40 boys can do a job in 12 days working for 8 hours a day, how many men working with 6 women and 2 boys take to do a job four times as big, working for 5 hours a day for 12 days?

A. 2 men
B. 8 men
C. 12 men
D. 24 men
E. 25 men
The correct answer is option [A]

98
In how many ways can Ann, Bea, Cam, Don, Ella and Fey be seated if Ann and Bea cannot be seated next to each other?

A. 240
B. 360
C. 480
D. 600
The correct answer is option [C]

99
The square of a two digit number is divided by half the number. After 36 is added to the quotient, the sum is then divided by 2. The digits of the resulting number are the same as those in the original number, but they are in reverse order The tens' place of the original number is equal to twice the difference between its digits. What is the number?

A. 40
B. 42
C. 44
D. 46
E. 48
The correct answer is option [D]

100
If two pencils costs 8 kobo, how much will 50,998 pencils cost?

A. N40,708.40 B. N4,079.84 C. N407,984 D. N479.84
E. N4,079.84
The correct answer is option [E]

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101
If 9x - 3y = 12 and 3x - 5y = 7 then 6x - 2y =?

A. 2
B. 4
C. 5
D. 8
E. 9
The correct answer is option [D]

102
You're driving your car on the highway at 75 mph, and you notice a sign that says you are 75 miles from your destination. So if you continue driving at that speed, you'd be there in an hour. When you have driven one mile and you are now 74 miles from your destination, you drop your speed down to 74 mph. So, you drive that first mile at 75 mph; when you are 74 miles from your destination, you drop your speed down to 74 mph; and then 73 mph, 72 mph... and so on. Until, finally, you get down to 1 mile from your destination and you're driving at one mile per hour. If you do this, how long is it going to take you to travel the entire 75 miles, rounding it to the nearest hour?

A. 3 hours
B. 4 hours
C. 5 hours
D. 6 hours
E. 7 hours
The correct answer is option [C]

103
In a km race, A gives B a start of 20 seconds and beats him by 40m. However, when he gives B a start of 25 seconds, they finish in a dead heat. What is A's speed in m/sec?

A. 12.5 mins/sec
B. 20 mins/sec
C. 8 mins/sec
D. 10 mins/sec
E. 12 mins/sec
The correct answer is option [D]

104
The Roman numeral MDCCCLXXXVIII is_____.

A. 1878
B. 1888
C. 1988
D. 1899
E. 1818
The correct answer is option [B]

105
If two typist can type two pages in two minutes, how many typists will it take to type 18 pages in six minutes?

A. 3
B. 4
C. 6
D. 12
E. 36
The correct answer is option [C]

One typist types one page in two minutes.

106
Complete the sequence in the series 25, 100, 225, 400, 625,___.

A. 725
B. 775
C. 825
D. 900
E. 925
The correct answer is option [D]

107
In a football syndicate, the winnings amounted to N7657. There were more than 30 people in the syndicate, but less than 100. Each won exactly the same number of Naira and no kobo was involved. How much did each win?

A. N255
B. N247
C. N239
D. N232
E. N225
The correct answer is option [B] 31 people: each won N247.

108
The distance between Station Rail Crescent and Station Churchill is 84 miles. A train starts from Rail Crescent towards Churchill. A bird starts at the same time from Churchill straight towards the moving train. On reaching the train, it instantaneously turns back and returns to Churchill. The bird makes these journeys from Churchill to the train and back to Churchill continuously till the train reaches Churchill. The bird finally returns to Churchill and rests. Calculate the total distance in miles the bird travels if the bird flies at 60 miles per hour and the speed of the train is 80 miles per hour.

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A. 84 Miles
B. 76 Miles
C. 72 Miles
D. 48 Miles
E. None of the above
The correct answer is option [C]

In 36 minutes, the bird travels 36 miles, the train travels 48 miles, and the two meet.

Now, the train (which is traveling at a speed greater than that of the bird) will reach Churchill before the bird.

So, the bird simply returns to Churchill (a return journey of 36 miles).

Thus, the total distance traveled by the bird is 72 miles.

109
If a and b are positive integers and (a - b)/3.5 = 4/7, then

A. b < a
B. b > a
C. b = a
D. b >= a
E. none of the above
The correct answer is option [A]

110
From five different green balls, four different blue balls and three different red balls, how many combinations of balls can be chosen, taking at least one green and one blue ball?

A. 3660

B. 3680
C. 3700
D. 3720
E. None of the above
The correct answer is option [D]

111
A merchant buys two articles for N600. He sells one of them at a profit of 22% and the other at a loss of 8% and makes no profit or loss in the end.
What is the selling price of the article that he sold at a loss?

A. N160
B. N404.80
C. N440 D. N536.8
E. N560
The correct answer is option [B]

112
When I add 6 times my age 6 years from now to 7 times my age 7 years from now, I get 14 times my current age. How old will I be 4 years from now?

A. 98
B. 89
C. 78
D. 69
E. 59
The correct answer is option [B] Solution:

Let x be my present age. My age 6 years from now will be x + 6, and 6 times that will be 6 (x + 6). Similarly, my age 7 years from now will be x + 7, and 7 times that will be 7 (x + 7). Adding the two gives 14 times my current age. This gives the equation:
6 (x + 6) + 7 (x + 7) = 14 x.
Solving the above equation gives x = (6 x 6) + (7 x 7) = 85.
Thus, I will be 89 years old 4 years from now.

113
Complete the sequence in the series: 1, 3, 6, 10, 15, 21, 28, ____.

A. 30
B. 36
C. 42
D. 48
E. 54
The correct answer is option [B]

1;
1 + 2 = 3;
1 + 2 + 3 = 6;
1 + 2 + 3 + 4 = 10;
1 + 2 + 3 + 4 + 5 = 15;
1 + 2 + 3 + 4 + 5 + 6 = 21;
1 + 2 + 3 + 4 + 5 + 6 + 7 = 28;
1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 = 36;
The nth term in the sequence is given by n (n + 1)/2, and the numbers are often referred to as triangular numbers.

114

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If the operation,^ is defined by the equation x ^ y = 2x + y, what is the value of a in 2 ^ a = a ^ 3?

A. 0
B. 1
C. -1
D. 4
E. -4
The correct answer is option [B]

115 The area of the floor of the tank is 6 square feet, and the water in it is 9 inches deep. How much does the water rise if a 1foot metal cube is placed in it? How much further does the water rise if a second 1 foot cube is also placed in the tank?
A. 1.8 inches, then another 2.2 inches.
B. 1.2 inches, then another 2.8 inches.
C. 2.2 inches, then another 2.2 inches.
D. 1.8 inches, then another 1.8 inches.
E. 2.2 inches, then another 1.8 inches. The correct answer is option [A]

1.8 inches, then another 2.2 inches. Initially the volume of water is 6 * 9/12 = 4.5 cubic feet. The first cube effectively reduces the cross-sectional area of the tank to 5 square feet, causing the water to be 4.5/5 foot = 10.8 inches deep. Thus it rises 1.8 inches. The second cube is then placed on the floor of the tank, the cross-sectional area is 4 square feet up to a height of 1 foot, and this is filled by 4 cubic feet of water. The remaining 0.5 cubic foot, in a cross-sectional area of 6 square feet, requires a height of 0.5/6 foot = 1 inch. The water is therefore 13 inches deep and has risen by another 2.2 inches.

116
If M = {u, v, w, x, y} and N = {u, x, z}, what is MnN?

A. {u, x}
B. {u, v, w, x, y}
C. {u, x, z}
D. {u, v, w, x, y, z}
E. {x, z}
The correct answer is option [A]

117
If 7 workers can build 7 cars in 7 days, then how many days would it take 5 workers to build 5 cars?

A. 1
B. 5
C. 7
D. 25
The correct answer is option [C]

118
If one-seventh of a number exceeds its eleventh part by 100 then the number is _____

A. 1925
B. 1100
C. 1825
D. 770
The correct answer is option [A] Let the number be x.
Then X/7 - x/11 =100 11x-7x = 7700 x=1925. 119
Last weekend, I went to play in the nearby park. It was real fun! I rode my new bicycle that Mom had given to me on my birthday. On reaching the park, I saw that there were a total of 16 bicycles and tricycles. If the total number of wheels were 39 , how many tricycles were there?

A. 16
B. 15
C. 12
D. 9
E. 7
The correct answer is option [E]

Solution:

Let the number of bicycles be x and the number of tricycles be y
x + y = 16-----(i)
2x + 3y = 39----(ii)
Solve for x in equation (i) x = 16 - y----(iii)
2(16 - y) + 3y = 39 y =7.

120
If I have a normal coin with a head and tail,
a 6-sided die, and a bag containing 4 blue and 2 red marbles, what is the probability of me flipping a head, rolling a 4, and picking out a red marble?

A. 0.0278
B. 0.0367
C. 36
D. 27
E. 0.278
The correct answer is option [A]

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Probability of flipping a head is 1/2 Probability of rolling a 4 is 1/6
Probability of selecting a red marble is 2/6 = 1/3.
Then multiply the results to get the probability: 1/2 x 1/6 x 1/3 = 0.0278 (to 3 decimal places)

121
Mr Willie likes to smoke cigars, but he cannot afford cigars so he puts five (5) stubs (which he finds) together to make one full cigar. One day Mr Willie was lucky to get 25 stubs extra. How many cigars could he smoke (maximum number)?

A. 5
B. 6
C. 7
D. 8
E. 4
The correct answer is option [B]

122
600 ladies and 400 guys belong to a choreography group. What are the chances that a person chosen to represent the group in the dance is a lady?

A. 2/3
B. 1/1,000 C. 3/5
D. 3/2 E. 1/600
The correct answer is option [C]

123
Complete the sequence in the series: 213, 426,_____, 852, 1065, 1278 .

A. 578
B. 621
C. 639
D. 669
E. 701
The correct answer is option [C]
213 + 213 = 426; 426 + 213 = 639; 639 + 213 = 852;
852 + 213 = 1065; 1065 + 213 = 1278;
The numbers simply increase by 213.

124
Determine the number that should come next in the series below:

3, 8, 14, 21, 29, 38, ?

A. 45
B. 46
C. 47
D. 48
E. 49
The correct answer is option [D]

The differences between the numbers increases by 1, starting with 5 (3 to 8), so the answer is 48 because the difference has to be 10 between 38

125
Bea can paint a house three times faster than Alice can paint a house. If, working together, it takes Alice and Bea 24 hours to paint a house, then how many hours will it take Bea to paint a house alone?

A. 28
B. 30
C. 32
D. 36
The correct answer is option [C]

126
What percent of 15 is 15 percent of 1?

A. 0.001
B. 0.01
C. 0.1
D. 1
The correct answer is option [D]

127
What is the number of triangles in an octagon?

A. 326
B. 120
C. 56 D. 180
E. cannot be determined
The correct answer is option [C]

128
If a sum of money compounded annually amounts to thrice itself in 3 years. In how many years will it become 9 times itself?

A. 4 years
B. 5 years
C. 6 years
D. 7 years
E. 8 years
The correct answer is option [C]

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NNPC RECRUITMENT - Quantitative Reasoning Questions

129
2 hours after a freight train leaves Delhi, a passenger train leaves the same station traveling in the same direction at an average speed of 16 km/hr. After traveling 4 hrs the passenger train overtakes the freight train. The average speed of the freight train was _____.

A. 30
B. 40
C. 58
D. 60
E. 72
The correct answer is option [B]

130
The average of 5 quantities is 6. The average of 3 of them is 8.
What is the average of the remaining two numbers?

A. 6.5
B. 4
C. 3 D. 3.5 E. 2.5
The correct answer is option [C]

131
There are two dogs in each corner of a room shaped like an octagon. How many dogs are in the room?

A. 8
B. 10
C. 12
D. 14
E. 16
The correct answer is option [E]

132
The monthly incomes of Ada and Betty are in the ratio 4 : 5, their expenses are in the ratio 5 : 6. If Ada saves 25 naira per month and Betty saves 50 naira per month, what are their respective incomes?

A. 400 naira and 500 naira
B. 240 naira and 300 naira
C. 320 naira and 400 naira
D. 440 naira and 550 naira
E. 110 naira and 220 naira
The correct answer is option [A]

133
What is x? if 45/9 = 12 - x

A. 5
B. 7
C. 9
D. 11
E. None of the above
The correct answer is option [B]

134
A painting job can be completed by 7 painters in 50 days. If 21 more painters join the team 10 days after starting work on the job, how many more days are required to complete the job?

A. 6 days
B. 8 days
C. 10 days
D. 12 days
E. 14 days
The correct answer is option [C]

Solution:
Total effort required by 7 painters for 50 days = 7 x 50 = 350 man-days.
Initial effort by 7 painters for 10 days = 7 x 10 = 70 man- days.
Job still requires 350 - 70 = 280 man-days, and there are 28 painters available to do it.

Additional effort required by 28 painters for 280 man-days = 280 / 28 = 10 days.
Thus, 10 more days are required to complete the painting job.

135
Mr. Brown has 8 black gloves and 12 brown gloves in his closet. He blindly picks up some gloves from the closet. What is the minimum number of gloves Mr. Brown will have to pick to be certain to find a pair of gloves of the same color?

A. 3
B. 4
C. 5
D. 6
E. 7
The correct answer is option [A]

136
Which number best completes the series? 2, 3, 5, 7, 11, 13, ?

A. 14
B. 15
C. 16
D. 17

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E. 18
The correct answer is option [D]

The series is made up of prime numbers.

137
This multiplication contains the numbers 1-9. Can you complete it?

*** x 3*

7254

A. 186 x 39
B. 186 x 38
C. 186 x 37
D. 186 x 36
E. 186 x 35
The correct answer is option [A]

138
A tennis championship is played on a knock-out basis, i.e., a player is out of the tournament when he loses a match. How many players participated in the tournament if a total of 15 matches are played?

A. 20
B. 16
C. 12
D. 8
E. 6
The correct answer is option [B]

Solution: Since the tennis tournament is played on a knock out basis and there 15 matches played, then the number of players would be 16, that is , 15 players and 1 player(the winner).

139
A bus started from the bus stand at 8.00am, and after 30 minutes of staying at the destination, it returned back to the bus stand. The destination is 27 miles from the bus stand. The speed of the bus is 18mph. In the return journey, the bus travels with 50% fast speed. At what time did it return to the bus stand?

A. 10.00am B. 11.00am
C. 12 noon
D. 1.00pm
E. 2.00pm
The correct answer is option [B]

140
The present ages of Chukwuemeka and Ikechukwu are 6 : 4. Five years ago their ages were in the ratio 5 : 3. Find their present ages.

A. 42, 48
B. 36, 24
C. 30, 20
D. 25, 15
E. 35, 45
The correct answer is option [C]

141
Last week, I travelled from London to Stoke. On the first day I travelled half of the distance. On day two, I travelled one third of the remaining distance. On day three, I travelled three quarters of the remaining distance. Yesterday I travelled half of the remaining distance. I now have 5 miles left to travel. How far is it from Stoke to London in total?

A. 120 miles
B. 60 miles
C. 40 miles
D. 20 miles
E. 5 miles
The correct answer is option [A]

120 miles. On the first day I travelled 60 miles, leaving 60 miles. On day two I travelled 20 miles, leaving 40 miles On day three I travelled 30 miles, leaving 10 miles. Yesterday I travelled 5 miles, leaving 5 miles.

142
A bank department employs 2800 people of whom 70 percent are cash officers and one-fourth are marketing officers. The number of employees in the bank who are neither cash officers nor marketing officers is_____.

A. 235
B. 250
C. 140
D. 155
E. 160
The correct answer is option [C]

143
Complete the sequence in the series: 1, 2, 6, 24, 120, _____
.
A. 720

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B. 620
C. 520
D. 420
E. 320
The correct answer is option [A]

1 = 1;
(1)(2) = 2;
(1)(2)(3) = 6;
(1)(2)(3)(4) = 24;
(1)(2)(3)(4)(5) = 120;
(1)(2)(3)(4)(5)(6) = 720;
The nth term in the sequence is given by n! (factorial of n), which is defined as the product of all integers from 1 to n.

144
Gary began peeling a pile of 44 potatoes at the rate of 3 per minute. Four minutes later, Christen joined him, and peeled at the rate of 5 potatoes per minute. When they were finished, how many potatoes had each peeled?

A. Gary 16, Christen 20
B. Gary 20, Christen 14
C. Gary 24, Christen 20
D. Gary 20, Christen 24
E. Both 27
The correct answer is option [C]

145
In a class composed of x girls and y boys, what part of the class is composed of girls?

A. y/(x + y)
B. x/xy
C. x/(x + y)
D. y/xy
E. None of the above
The correct answer is option [C]

146
Diki likes blueberries and apples. She puts bananas, apples, oranges, cherries, and blueberries into a basket. There are 36 fruits in the basket. There are 7 bananas, 4 apples, 11 oranges, 8 cherries, and the rest blueberries. What is Diki's chance of picking out a fruit that she likes?

A. 1/6

B. 18/5 C. 5/18 D. 1/9
E. 0
The correct answer is option [C]

Solution
Diki has a 5/18 chance of pulling out a fruit she likes. 4 apples + 6 blueberries = 10 fruits
She likes 10/36 = 5/18.

147
A salesperson works 50 weeks each year and makes an average (arithmetic mean) of 100 sales per week. If each sale is worth an average (arithmetic mean) of N1,000, then what is the total value of sales made by the salesperson in a year?

A. N50,000 B. N100,000 C. N500,000
D. N1,000,000 E. N5,000,000
The correct answer is option [E]

148
The price of a product is reduced by 30%. By what percentage should it be increased to make it 100%?

A. 38.758%
B. 42.857%
C. 62%
D. 70%
E. None of the above
The correct answer is option [B]

149
Five years ago, Sharon's age was three times that of Sommy. Ten years ago, Sharon's age was one half that of Ela. If E represents Ela's current age, which of the following represents Sommy's current age?

A. E/6 + 5
B. 2E
C. (E - 10)/3
D. 3E - 5
E. None of the above
The correct answer is option [A]

150
A portion of $7200 is invested at a 4% annual return, while the remainder is invested at a 5% annual return. If the annual income from both portions is the same, what is the total income from the two investments?

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A. $160 B. $320 C. $400 D. $720
E. None of the above
The correct answer is option [B]

151
In a group of 15, 7 have studied Latin, 8 have studied Hints, and 3 have not studied either. How many of these studied both Latin and Hints?

A. 0
B. 3
C. 4
D. 5
E. 6
The correct answer is option [B]

152
From me to you with LOVE. How many times does the word LOVE appear in this grid?

L V E V O L E E V O L E V O L O O V E O O E V O L L V V
O L V L O V E V V O O O L O V E O E O L O V E O L V L E
L E V V
E V O L E E L E O L E V O L E V V O L V V O L O V O L O
V E O V O L O O V V O L E L O L E L V O L L L E L O V E L
O V E
E V L O V E V V O L O V E V E E E L L E V O L O E E V O L
E L V V O L L L V L L V L L L V
L O E V V O E O O E V O L O O O L V E V E V V V E V O L
V L V O O E L E E E E E L O V E O E V L E V O L O V E V
O L O V

A. 71 times
B. 72 times
C. 73 times
D. 74 times
E. 75 times
The correct answer is option [C]

153
My bath has two taps and a plug hole. The cold tap on its own fills the bath in 18 minutes, the hot one in 15 minutes. The plug hole can drain the bath in 10 minutes with the taps off. How long will the bath take to fill if I leave both taps on with the plug left out?

A. 46 minutes
B. 45 minutes
C. 44 minutes
D. 43 minutes
E. 42 minutes
The correct answer is option [B]

45 minutes. In 24 hours, the cold tap could fill 80 baths, the hot tap could fill 96 baths and the plug could drain 144 baths. Therefore, in 24 hours, we have 80 + 96 - 144 baths full = 32 baths. Therefore each bath would take 45 minutes to fill.

154
Replace the question marks with one mathematics symbol (e.g. + - / x) and make the equation correct
(7 ? 1) ? (5 ? 2) ? (2 ? 3) = 20

A. +
B. -
C. x
D. /
E. None of the above
The correct answer is option [A]

155
Determine the number that should come next in the series below:

0, 5, 8, 17, 24, 37, ?

A. 48
B. 49
C. 50
D. 51
E. 52
The correct answer is option [A]

12 - 1, 22 + 1, 32 - 1, 42 + 1, 52 - 1, 62 + 1, 72 - 1

156
I was having trouble sleeping last night and tossed and turned well into the night. Our local town hall has a clock which strikes on the hour and also strikes just once on the half hour. During one of my more awake moments I heard the clock strike once, but I could not tell what time it was. Half an hour later it struck once again, but I still could not tell what time it was. Finally, half an hour later it struck once again and I knew what the time was. What time was it?

A. 1.00 in the morning

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B. 1.30 in the morning
C. 2.00 in the morning
D. 3.00 in the morning
E. 4.00 in the morning
The correct answer is option [B]

1.30 in the morning. The initial single strike was at 12.30.

157
In a certain year, corporation X produced 20 percent of the total world production of a certain drug. If corporation X produced 9kg of the drug, how many kg were produced by producers other than corporation X?

A. 45
B. 40
C. 36
D. 27
E. 22
The correct answer is option [A]

158
1/3 of girls and 1/2 of boys go to the canteen .What fraction of the total number of classmates go to the canteen?

A. 5/6 B. 1/3 C. 1/5 D. 1/6
E. Cannot be determined
The correct answer is option [A]

159
Each child in a family has at least 2 brothers and 4 sisters. What is the smallest number of children the family might have?

A. 2
B. 4
C. 6
D. 8
E. 10
The correct answer is option [D]

Solution:
If each boy in the family has at least 2 brothers, then the smallest number of boys is 3.
Similarly, if each girl in the family has at least 4 sisters, then the smallest number of girls is 5.
Thus, the smallest number of children the family might have is 8.

160
Batubo sold 6 eggs at the price for which he bought 10 eggs. What is his profit percent?

A. 20%
B. 12%
C. 47.9%
D. 57.6%
E. 66.67%
The correct answer is option [E]

161
I have a jar of sweets. 114 red, 35 blue, 67 green and 9 yellow. What percentage chance do I have of picking a yellow one with my eyes shut?

A. 7%
B. 5%
C. 4%
D. 2%
E. 1%
The correct answer is option [C] 4 percent, or 1 in 25.

162
The ratio of Rita's age to her mother's age is 3:8. The difference of their ages is 35 years. The ratio of their ages after 4 years will be _____

A. 7:12
B. 5:12
C. 38:43
D. 43:47
The correct answer is option [B] Let their ages be 3x and 8x
8x - 3x =35
x =7
Their present ages are 21 and 56 years.
Ratio of their ages after 4 years are 25:60 = 5:12

163
If on an item a company gives 25% discount and earns 25% profit. If they now give 10% discount, what is the profit percentage?

A. 30%
B. 35%
C. 40%
D. 45%
E. Insufficient data
The correct answer is option [A]

164
Boma borrowed N240 interest free from her parents to pay for her college education. If she pays back 21/2 percent of this amount quarterly and has already paid N42, for how many months has she been paying back her loan?

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A. 6
B. 7
C. 19
D. 21
E. 24
The correct answer is option [D]

165
There are 1,200 dresses in a wardrobe. If one third of the dresses are all pink, some are all blue, and others have pink and green stripes. Would 400 clothes be definitely blue?

A. Yes
B. No
C. Cannot be determined by the information given
D. None of the above
The correct answer is option [C]

The other 800 clothes can be any mix of all blue and pink and green stripes.

166
A Crocodile's tail was three times as long as its head. Its body was half as long as its tail. The body and tail measured 13 feet 6 inches. How long was its head?

A. 13 feet 6 inches
B. 9 feet
C. 6 feet
D. 3 feet
E. 2 feet 6 inches
The correct answer is option [D]

167
Three athletes A, B, and C are to run a race. B and C have equal chances of winning, but A is twice as likely to win as either. What is the probability of each athlete winning?

A. 3/5 B. 1/4 C. 3/4 D. 1/3 E. 2/3
The correct answer is option [B]

168
Last week I spent half of my money on a new jacket and then I spent half of that amount on some new trousers. I was left with N32.94. How much did I spend?

A. N98.82 B. N198.82 C. N98.98 D. N128.88 E. N119.28
The correct answer is option [A]

I spent N98.82. I started with N131.76 and initially spent N65.88 and then spent another N32.94, which left me with N32.94, which meant that I'd spent N98.82 of my original N131.76.

169
A man bought a horse and a cart. If he sold the horse at 10 % loss and the cart at 20 % gain, he would not lose anything; but if he sold the horse at 5% loss and the cart at 5% gain, he would lose N10 in the bargain. The amount paid by him was N _____for the horse and N_____for the cart.

A. 450, 250
B. 480, 280
C. 500, 300
D. 400, 200
The correct answer is option [D]

170
Joe sells 12 eggs at the price for which he bought 20 eggs. What is his profit percent?

A. 57.6%
B. 66.67%
C. 47.96%
D. 12%
E. 20%
The correct answer is option [B]

171
The proportion of milk and water in 3 samples is 2:1, 3:2 and 5:3. A mixture comprising of equal quantities of all 3 samples is made. The proportion of milk and water in the mixture is .

A. 2 : 1
B. 5 : 1
C. 99 : 61
D. 227 : 133
E. 4 : 5
The correct answer is option [D]

172
A 5cm cube is cut into as many 1cm cubes as possible. What is the ratio of the surface area of the larger cube to that of the sum of the surface areas of the smaller cubes?

A. 1 : 5
B. 1 : 6
C. 1 : 25
D. 1 : 125
E. 1.734

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CM is 900.

173
What is the maximum number of half-pint bottles of cream that can be filled with a 4-gallon can of cream (2 pt.=1 qt. and 4 qt.=1 gal)?

A. 16
B. 24
C. 30
D. 64
E. 68
The correct answer is option [D]

174
Following the pattern shown in the number sequence below, what is the missing number?

1, 4, 9, ?, 25, 36

A. 10
B. 12
C. 14
D. 16
E. 18
The correct answer is option [D]

Each number is the square of the sequence 1, 2, 3, 4, 5, 6

175
(I) Multiply 50 by 50 one thousand times.
(II) Multiply 100 by 100 five hundred times.
How many times would you have to multiply the result of
(2) to get (1)?

A. One billion times (58)
B. 50 to the 10th power
C. 25 by 25 five hundred times
D. 100 by 100 one thousand times
E. 2.5 to the 25th power
The correct answer is option [C]

176
1900 is written in Roman numeral as_____.

A. MCD
B. MCM
C. CM
D. CD
E. DC
The correct answer is option [B] M is 1000;

177
Faka bought yam at 1,000 naira a score. What is the price of one tuber of yam?

A. 50 naira
B. 40 naira
C. 60 naira
D. 65 naira
E. Cannot be determined
The correct answer is option [A]

178
The distance between Station Wilson and Station Harold is 84 miles. A train starts from Wilson towards Harold. A bird starts at the same time from Harold straight towards the moving train. On reaching the train, it instantaneously turns back and returns to Harold. The bird makes these journeys from Harold to the train and back to Harold continuously till the train reaches Harold. The bird finally returns to Harold and rests. Calculate the total distance in miles the bird travels if the bird flies at 80 miles per hour and the speed of the train is 60 miles per hour.

A. 122 Miles
B. 112 Miles
C. 80 Miles
D. 60 Miles
E. None of the above
The correct answer is option [B]

Solution:

Bird flies at a speed greater than that of the train
The train (at a speed of 60 miles per hour) travels 60 miles in 60 minutes.
Therefore, the train travels from Wilson to Harold (84 miles) in 84 minutes.
Importantly, the bird makes the journeys continuously back and forth for this same amount of time (namely, 84 minutes).
Thus, the total distance traveled by the bird
= 80 miles per hour x 84 minutes = 80 x 84/60 miles = 112 miles

179
A snake slides through a long cylindrical hole in the ground at 6 centimetres per second. The hole is 7.5 metres in length. The snake takes 14 seconds to enter the hole. What is the length in centimetres of the snake?

A. 125cm
B. 100cm

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C. 90cm
D. 84cm
E. 204 cm
The correct answer is option [D]

Distance = Speed x Time.
(a) The snake has entered the hole when its tail just comes into the hole. It is given that 14 seconds elapse from the time the snake's head enters the hole till its tail enters. Thus,

Length of the snake = Distance traveled in 14 seconds = (6 cm/s) x (14 s) = 84 centimetres.

180
Complete the series: 144, 121, 100, , 64, 49

A. 99
B. 91
C. 89
D. 81
E. 79
The correct answer is option [D]

The terms are merely the squares of integers starting with 12 in descending order. Thus,
122 = 12 x 12 = 144; 112 = 11 x 11 = 121; 102 = 10 x 10 =
100;
92 = 9 x 9 = 81; 82 = 8 x 8 = 64; 72 = 7 x 7 = 49;
Alternatively, the differences between consecutive terms form the following simple sequence: 23, 21, 19, 17, 15.

181
Tonye drives to Boma's house at an average speed of 40 mph. If he can drive 2/3 of the way there in an hour, how far away is Boma's house?

A. 20 miles
B. 50 miles
C. 55 miles
D. 60 miles
The correct answer is option [D]
Dan travels 40 miles in an hour, and he needs to go half this distance to reach Cheryl's house (that is, he has traveled two-thirds of the way and needs to travel one more third). Divide 40 by 2 to determine a third of the total distance, and then add this to the distance traveled so far: 40 + 20 = 60.

182
Take the number of days in a leap year, add the number of months with 30 days, divide it by the number of loafs in a baker's dozen, add the number of days in March, add the square root of nine, divide by the number of days in a week. Which month are you left with?

A. June
B. July
C. August
D. September
E. October
The correct answer is option [D]

September. The numbers used are 366, +11, /13, +31, +3, /7 = 9.

183
A zookeeper counted the heads of the animals in a zoo and found it to be 80. When he counted the legs of the animals he found it to be 260. If the zoo had either pigeons or horses, how many horses were there in the zoo?

A. 30
B. 40
C. 50
D. 60
E. 70
The correct answer is option [C]

184
One year payment to the servant is N200 plus one shirt. The servant leaves after 9 months and receives N120 and a shirt. Find the price of the shirt.

A. N60
B. N80
C. N100
D. N120
E. N140
The correct answer is option [D]

185
Haretown and Tortoiseville are 52 miles apart. A hare travels at 10 miles per hour from Haretown to Tortoiseville, while a tortoise travels at 3 miles per hour from Tortoiseville to Haretown. If both set out at the same time, how many miles will the hare have to travel before meeting the tortoise en route?

A. 26 miles
B. 30 miles
C. 39 miles
D. 40 miles
E. None of the above
The correct answer is option [D]

Solution
The hare and the tortoise are together covering the distance at 13 miles per hour (i.e., on adding their speeds). So, they will cover the distance of 52 miles in 4 hours.

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Thus, in 4 hours, they will meet and the hare will have traveled 40 miles.
Alternative Solution through Equations: Note that :
Distance = Speed x Time
Let t be the time before the hare and the tortoise meet.
In t hours, the hare will travel 10 t miles.
In t hours, the tortoise will travel 3 t miles. Now,

10 t + 3 t = 52
So, t = 52/13 = 4 hours.

Thus, distance traveled by hare before meeting = 10 x 4 = 40 miles

186
At a local village gala, the entire population turned up 500 people. The event raised N3,000. Tickets were priced as follows:
N7.48 men,
N7.12 women, and N0.45 children.
How many children were there?

A. 92 B. 149 C. 259 D. 262 E. 267
The correct answer is option [A]

187
An empty swimming pool can be filled to capacity through an inlet pipe in 3 hours, and it can be completely drained by a drainpipe in 6 hours. If both pipes are fully open at the same time, in how many hours will the empty pool be filled to capacity?

A. 4.5
B. 5 C. 5.5
D. 6 E. 6.5
The correct answer is option [D]

188
Last week I lost my measuring tape. I had to measure Daniel's toy box. Luckily, I could remember that the top had an area of 720 square inches, the side was 800 square inches and the end was 360 square inches. What were the true dimensions of the toy box

A. Length = 44, width = 24, depth = 22
B. Length = 40, width = 18, depth = 20
C. Length = 20, width = 40, depth = 18
D. Length = 18, width = 40, depth = 20
E. Length = 40, width = 20, depth = 18 The correct answer is option [B]

189
How many 7s are there between 1 and 100?

A. 10
B. 11
C. 18
D. 19
E. 20
The correct answer is option [E]

190
Place the numbers 1-9 in the following formula, substituting each for a letter to get a valid equation.
x/yz + u/vw + r/st = 1

A. 5/34 + 7/68 + 9/1 = 1 B. 5/34 + 7/6 + 9/12 = 1 C. 5/34 + 7/68 + 9/12 = 1 D. 5/3 + 7/68 + 9/12 = 1 E. 5/34 + 7/8 + 9/12 = 1
The correct answer is option [C]

191
If the perimeter of square 1 and the diagonal of square 11 have the same length, what is the ratio of square 1 to the area of square 11?

A. 12:5
B. 5:12
C. 1:8
D. 3:4
E. 2:1

The correct answer is option [C] 192
A man insures 80% of his property and pays a 2.5% premium amounting to N348. What is the total value of his property?

A. N19,000 B. N18,400 C. N18,000 D. N17,400 E. N13,920
The correct answer is option [D]

193
A doctor gave a patient three pills to take one every half hour. How long will the pills last?

A. one and half hours

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B. one hour
C. 3 hours
D. 0 hour
E. None of the above
The correct answer is option [B]

You take the fist pill at the start of the hour, the second pill thirty minutes after and the last pill at the end of the hour.

194 A rich merchant had collected many gold coins. He did not want anybody to know about them. One day, his wife asked, "How many gold coins do we have?" After pausing a moment, he replied, "Well, if I divide the coins into two unequal numbers, the difference between the numbers gives 15, then 75 times the difference between the two numbers equals the difference between the squares of the two numbers." The wife looked puzzled. Can you help the merchant's wife by finding out how many gold coins they have?

A. 100 coins
B. 95 coins
C. 85 coins
D. 75 coins
E. 65 coins
The correct answer is option [D] Solution:

Let the unequal numbers be x and y x - y = 15------(i)
75(x - y) = x2 - y2
75(x - y) = (x + y)(x - y)---------(ii)
Putting equation (i) into equation (ii), 75(15) = (x + y)(15) (x + y) = 75.
Therefore the number of coins is 75.

194
A rich merchant had collected many gold coins. He did not want anybody to know about them. One day, his wife asked, "How many gold coins do we have?" After pausing a moment, he replied, "Well, if I divide the coins into two unequal numbers, the difference between the numbers gives 15, then 75 times the difference between the two numbers equals the difference between the squares of the two numbers." The wife looked puzzled. Can you help the merchant's wife by finding out how many gold coins they have?

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D. 75 coins
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75(x - y) = (x + y)(x - y)---------(ii)
Putting equation (i) into equation (ii), 75(15) = (x + y)(15) (x + y) = 75.
Therefore the number of coins is 75.

195
A farmer had 51 sheep. All, but 17 sheep died through a plague, how many does he have left?

A. 17
B. 34
C. 51
D. 68
E. None of the above
The correct answer is option [A]

196
Can you find a quick and elegant way to add the numbers from 1 to 30 ? In other words, what is the sum you obtain in the following case: 1 + 2 + 3 + ... + 30 =

A. 461
B. 462
C. 463
D. 464
E. 465
The correct answer is option [E]

Solution:
Here's an elegant way: 1 + 30 = 31
2 + 29 = 31
3 + 28 = 31
.....
..... 15 + 16 = 31

Adding the above equations gives

1 + 2 + 3 + ... + 30 = 15 x 31 = 465

197
A woman delivering pizzas drives from the pizza parlor to make 3 deliveries. She drives East at 30 miles per hour for 10 minutes for the first delivery, West at 40 miles per hour for 15 minutes for the second delivery, and East at 20 miles per hour for 45 minutes for the last delivery. At this point, how far is she (in miles) from the pizza parlor?

A. 0
B. 4

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C. 6
D. 8
E. 10
The correct answer is option [E] Solution:
The first miles due east is 30 × 1/6 = 5 miles
The second miles due west is 40 × 1/4 = 10 miles
The total miles covered for the first and second deliveries
= 10 - 5 = 5 miles
The third miles due east is 20 × 3/4 = 15 miles
The distance from the pizza parlor is 15 - 5 = 10 miles.

198
In my money box, I found $36.80 made up of equal numbers of quarters, dimes and nickels. How many of each coin did I find?

A. 88
B. 89
C. 90
D. 91
E. 92
The correct answer is option [E]

199 Yesterday I went for a long bicycle ride around the local lakes. As the ride was quite long, I rode in various stages. In the first stage I rode half of the overall distance. Stage two saw half of the remaining distance plus 35 metres covered. Stage three covered three-quarters of the remaining distance. Stage four completed half of the remaining distance plus 75 metres. Stage five completed the journey with a final burst of 150 metres. How far did I cycle in total?

A. 7040 metres.
B. 7340 metres.
C. 7343 metres.
D. 7340 metres.
E. 7340 metres.
The correct answer is option [B]

Stage 1: cycled 3670 leaving 3670
Stage 2: cycled 1870 leaving 1800
Stage 3: cycled 1350 leaving 450
Stage 4: cycled 300 leaving 150
Stage 5: cycled 150 leaving 0

200
What 4-digit number abcd satisfies this equation? 4 * abcd = dcba

A. 2178
B. 1287
C. 7128
D. 8712
The correct answer is option [A]

201
Following the pattern shown in the number sequence below, what is the missing number?

1, 8, 27, ?, 125, 216

A. 36
B. 45
C. 46
D. 64
E. 99
The correct answer is option [D]

Each number in the question is the cube of the sequence 1, 2, 3, 4, 5, 6

202
If 1cm on a map corresponds to an actual distance of 40 kms, and the distance on the map between Abalama and Kalio-Ama is 37.5 cm, then the actual distance between them is kms.

A. 375
B. 3750
C. 1500
D. 1375
E. 1543
The correct answer is option [C]

203
Recently, Amakiri, the extremely rich father of Young Harry had passed away. He had left one million dollars to Young Harry. However, the money was locked in a safe, and Young Harry would not get the money unless he knew the combination. Amakiri left a number series for his son to work out. If he could not figure it out, he wouldn't get anything. The combination is a 3-digit number, and to stop him from randomly guessing he would only be able to try once every day. Here is the series:
3, 11, 31, 55, 91, ... Young Harry managed to finish the series, and get the million dollars. What is the correct number?

A. 146
B. 131
C. 130
D. 129
E. 128
The correct answer is option [B]

Solution
The series works from: 1 * 2 = 2 (+ 1) = 3
3 * 4 = 12 (- 1)= 11
5 * 6 = 30 (+ 1) = 31

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7 * 8 = 56 (- 1) = 55
9 * 10 = 90 (+ 1) = 91
11 * 12 = 132 (- 1) = 131

204
Divide 30 by 1/2 and add 10. What is the answer?

A. 25
B. 40
C. 70 D. -25
E. None of the above
The correct answer is option [C]

205
How many times does the word AUGUST appear in this grid?

A A G A U G U A A T S U G U A A U G U S T A U G U T U T
U A A G G G A U G U S T S A S U A T U A U G U S T U A U
G U S T A S G S S A G A U G G U G U A U T U T U T T S U
G U A U A U T S U G U A U S T G A A A U G A U U T U G T
A U S U A T G U A S T G S A U A U G U S T U S T U U S U
U A A U G U G T S T A S G G U U G S U G U A U T S T U U
U G G T U U G U S A A U A U G U S T U A A G U S T U G U
U S U A T U A U G U S T G U A T G U A G T S U G U A T U
A

A. 34 times
B. 35 times
C. 36 times
D. 37 times
E. 38 times
The correct answer is option [C]

206
If 2 karms equal 4 foz, and 1 foz equals 3 burs, how many karms are 24 burs?

A. 2 karms
B. 4 karms
C. 6 karms
D. 8 karms
E. 10 karms
The correct answer is option [B] Solution:

2 karms equal 4 foz and 1 foz equals 3 burs 1/2 karms equals 3 burs
? karms equals 24 burs 1 × 24/2 × 3 = 4 karms.

207
Complete the sequence in the series: 6, 24, 60, 120,_____, 336, 504, 720.

A. 190
B. 210
C. 230
D. 250
E. 270
The correct answer is option [B]

(1)(2)(3) = 6;
(2)(3)(4) = 24;
(3)(4)(5) = 60;
(4)(5)(6) = 120;
(5)(6)(7) = 210;
(6)(7)(8) = 336;
(7)(8)(9) = 504;
(8)(9)(10) = 720;
The nth term in the sequence is given by n (n + 1) (n + 2).

208
During a recent trip to Scotland, I filled my petrol tank to the top with a total of 10 gallons. I travelled at 60 mph up the motorway and I knew that I could average 40 miles per gallon. However, the moment I started, my petrol tank had a leakage and four hours later I came to a halt having run out of petrol. How much petrol had I lost through the leakage?

A. 1 gallons
B. 2 gallons
C. 3 gallons
D. 4 gallons
E. 5 gallons
The correct answer is option [D] Solution:

The miles travelled is 60mph × 4hrs = 240 miles; i.e, Speed× Time = Distance

The number of gallons used within the four hours is 240/40 =

6 gallons

The difference will be the amount lost 10 - 6 = 4 gallons.

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209
Bernard weighs 100 pounds more than his sister Betsy. Their combined weight is 120 pounds. How many pounds does Bernard weigh?

A. 210
B. 200
C. 110
D. 100
E. None of the above
The correct answer is option [C] Solution:

Let Betsy weight be x
Let Bernard weight be x + 100 x + x + 100 = 120
2x = 120 - 100
2x = 20
x = 20/2 = 10
Betsy weighs 10 pounds while Bernard weighs 10 + 100 = 110.

211
If a certain chemical costs N50 for 30gallons, how many gallons of the chemical can be purchased for N625?

A. 12.5
B. 24 C. 325 D. 375 E. 425
The correct answer is option [D]

212
If you take 29 oranges from 60 oranges, how many oranges will you have?

A. 89
B. 60
C. 31
D. 29
E. None of the above
The correct answer is option [D]

213
A numismatist decides to divide his coin collection between his children. The oldest gets 1/2 of the collection, the next gets 1/4, the next gets 1/5, and the youngest gets the remaining 49 coins. How many coins are in the collection?

A. 980
B. 1,080
C. 1,980
D. 2,000
E. 490
The correct answer is option [A]

There are 980 coins in the collection.
Let the number of coins be x x - (x/2 + x/4 + x/5) = 49
x - 19x/20 = 49 20x - 19x = 49(20)

x = 980.

214
What is the greatest value of a positive integer n, such that 3n is a factor of 1815?

A. 15
B. 18
C. 30
D. 33
E. 35
The correct answer is option [C] 215
Mr. and Mrs. Okon have 4 daughters and each of those daughters have 4 brothers, how many people make up the family?

A. 22
B. 20
C. 16
D. 10
E. 8
The correct answer is option [D]

216
If the average of x, y and 15 is 5, then the average of x and y is _____.

A. 5
B. 15 C. 20/2
D. 10
E. 0
The correct answer is option [E]

217
2 tyres of a car were replaced at the cost of 17 naira per tyre. If 40 naira had been expected to be paid for the 2 tyres, what percent of the expected cost was saved?

A. 75.0
B. 57.5

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C. 17.6
D. 7.5
E. none of the above
The correct answer is option [E]

218
The average age of a group of 12 students is 20years. If 4 more students join the group, the average age increases by 1 year. The average age of the new student is_____.

A. 22
B. 23
C. 24
D. 26
E. 28
The correct answer is option [C]

219
If zn + qp = 6pz, and pz > o, then n/p + q/z = ?

A. zn = qp
B. 0
C. 6n + 6q
D. 6zq
E. 6
The correct answer is option [E]

220
A tennis championship is played on a knock-out basis, i.e., a player is out of the tournament when he loses a match. How many matches are played in the tournament if 107 players totally participated?

A. 102
B. 103
C. 104
D. 105
E. 106
The correct answer is option [E]

221
Which two numbers best complete the series?

1, 10, 3, 9, 5, 8, 7, 7, 9, 6, ?, ?

A. 11, 5
B. 10, 5
C. 10, 4
D. 11, 6
E. 11, 8
The correct answer is option [A]

Alternating numbers go up by 2, and down by 1.

222
What is the smallest number which when divided by 10 leaves a remainder of 9, when divided by 9 leaves a remainder of 8, when divided by 8 leaves a remainder of 7, when divided by 7 leaves a remainder of 6, and so on until when divided by 2 leaves a remainder of 1?

A. 2,131
B. 2,337
C. 2,519
D. 2,477
E. 2,517
The correct answer is option [C]

223
Imagine that you are building a tower of play bricks. A yellow brick is 19 millimetres tall and a green brick is 21 millimetres tall. How many of each are required to build a tower that is exactly 562 millimetres tall?

A. 15 yellow and 15 green bricks.
B. 13 yellow and 15 green bricks.
C. 13 yellow and 18 green bricks.
D. 10 yellow and 11 green bricks.
E. 17 yellow and 13 green bricks.

The correct answer is option [B] 224
The average of 5 quantities is 10 and the average of 3 of them is 9. What is the average of the remaining 2?

A. 12.5
B. 11.5
C. 12
D. 11
E. 9
The correct answer is option [B]

225
Justin takes the underground train to work and uses an escalator at the railway station. If Justin runs up 6 steps of the escalator, it will take him 60 seconds to reach the top of the escalator. If he runs up 13 steps of the escalator, it will take him only 42.5 seconds to reach the top.

How many seconds would it take Justin to reach the top if he did not run up the escalator at all?

A. 75.0
B. 70.0
C. 60.0
D. 42.5
E. 17.5
The correct answer is option [A]

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If he runs up 6 steps, then he needs 60.0 seconds to reach the top.
If he runs up 13 steps, then he needs 42.5 seconds to reach the top.

The 7 additional steps take 17.5 seconds. Therefore, each step takes 2.5 seconds.

Total steps in escalator = 6 + 60.0 / 2.5 = 30 or Total steps in escalator = 13 + 42.5 / 2.5 = 30.

If Justin did not run up any steps at all,
he would reach the top of the escalator in 75.0 seconds (i.e., 30 steps x 2.5 seconds/step).

226
Diki prefers 9 to 10 and 1,600 to 1,700 and 3,600 to 3,700. Which of the following numbers below does she prefer?

A. 25
B. 27
C. 29
D. 31
E. 33
The correct answer is option [A]
Diki prefers numbers that are squares i.e. √9 = 3; √1,600 = 40; √3,600 = 60 . The only number among the options that is a square is 25.

227
If seven people were chosen at random, what chance is there that one or more were born on a Sunday?

A. 70.5%
B. 69.1%
C. 68.9%
D. 66.1%
E. 65.3%
The correct answer is option [D] 1 - [6/7]7 = 0.661 or

66.1%

228
A company contracts to paint 3 houses. Mr. Brown can paint a house in 6 days, Mr. Black would take 8 days and Mr. Blue 12 days. After 8 days, Mr. Brown goes on vacation and Mr. Black begins to work for a period of 6 days. How many days will it take Mr. Blue to complete the contract?

A. 7
B. 9
C. 11
D. 12
E. 14
The correct answer is option [C]

229
The Bar Z ranch was a dude ranch. One day a new "dude" asked one of the stable hands how many men were tending the horses in the corral. Having a mischievious sense of humor, he replied, "I saw eighty-two feet and twenty-six heads". He then walked away, leaving the dude scratching his head trying to figure it out. How many men were tending the horses?

A. 15
B. 22
C. 60
D. 11
E. 82
The correct answer is option [D]

Eleven men (and 15 horses). 11 (men) x 2 (feet per man)=22

15 (horses) x 4 (feet per horse) = 60, and 22 (men's feet) + 60 (horse's feet) = 82 feet

Also, 11 (men) + 15 (horses) = 26 (total heads).

230
Complete the sequence in the series: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ____

A. 40
B. 45
C. 50
D. 55
E. 60
The correct answer is option [D]

0 + 1 = 1;
1 + 1 = 2;
1 + 2 = 3;
2 + 3 = 5;
3 + 5 = 8;
5 + 8 = 13;
8 + 13 = 21;
13 + 21 = 34;
21 + 34 = 55;
Each term (starting with the third term) in the sequence is the sum of the two terms preceding it. The series is often referred to as the Fibonacci series. Fibonacci (1175) believed that this series was followed by various natural phenomena. In fact, the number of leaves on the stems of particular plants follows this series.

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231
A box contains 90 nails each of 100 gms and 100 bolts each of 150 gms. If the entire box weighs 35.5 kg., the weight of the empty box is_____kg.

A. 10 B. 10.5
C. 11 D. 11.5 E. 11.7
The correct answer is option [C]

232
Mr. Ofori George spent one-fourth of his life as a boy, one- eighth as a youth, and one-half as an active man. If Mr. Ofori George spent 9 years as an old man, then how many years did he spend as an active man?

A. 50 years
B. 63 years
C. 36 years
D. 72 years
E. 82 years
The correct answer is option [C]

Solution:
Fraction of life as a boy = 1/4 Fraction of life as a youth = 1/8 Fraction of life as an active man = 1/2
Fraction of life as boy, youth and active man = 1/4 + 1/8 + 1/2 = (2 + 1 + 4)/8 = 7/8
Fraction of life as an old man = 1 - 7/8 = 1/8
Thus, one-eighth of Mr. Ofori's life (as an old man) is 9 years.
So, Mr. Ofori's Age = 72 years.

It may be noted that:
Life as boy = 72/4 = 18 years. Life as youth = 72/8 = 9 years.
Life as active man = 72/2 = 36 years. Life as old man = 72/8 = 9 years.

233
A Father, son and grandson are walking in the park. A man approaches them and ask for their age. The Father replies, "My son is as many weeks as my grandson is in days, and my grandson is as many months old as I am in years. We are all 100 years together." How old were each?

A. Father = 65 years, Son = 30 years, Grandson = 5 years
B. Father = 70 years, Son = 25 years, Grandson = 5 years
C. Father = 68 years, Son = 22 years, Grandson = 10 years
D. Father = 60 years, Son = 35 years, Grandson = 5 years
E. Father = 60 years, Son = 25 years, Grandson = 15 years The correct answer is option [D]

234
What is the area of a triangle with sides 1, 3, and 4 inches?

A. 0
B. 1
C. 3
D. 4
E. 12
The correct answer is option [A]

It's impossible to have a triangle with those sides. The sum of two of the sides is equal to the third side. The result would be a straight line, and the area would be zero.

235
If 6 workers can build 4 cars in 2 days, then how many days would it take 8 workers to build 6 cars?

A. 5/3 B. 9/4 C. 8/3 D. 11/4
The correct answer is option [B]

236
Which of the following is the greatest?

A. 40% of 30
B. 3/5 of 25
C. 6.5% of 200
D. 1/2 of 34
E. All of the above
The correct answer is option [D]

237
The average temperature on Wednesday, Thursday and Friday was 250. The average temperature on Thursday, Friday and Saturday was 240. If the temperature on Saturday was 270, what was the temperature on Wednesday?

A. 240
B. 210
C. 270
D. 300
E. 304
The correct answer is option [D]

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238
Of 12 children on a tennis coaching course, 7 are boys and 4 are left handed out of which are 3 boys. What is the probability that a child randomly selected is a left handed girl?

A. 4/12 B. 1/4 C. 3/4 D. 7/12 E. 5/6
The correct answer is option [B]

239
If the price of an electronic is N11,000 to which VAT of 7.5% must be added, what is the selling price?

A. N3,300 B. N11,825 C. N25,000 D. N20,000 E. N22,000
The correct answer is option [B]

240
In June, a baseball team that played 60 games had won 30% of its game played. After a phenomenal winning streak this team raised its average to 50%. How many games must the team have won in a row to attain this average?

A. 12
B. 20
C. 24
D. 30
E. 36
The correct answer is option [C]

241
In a mixture, R is 2 parts and S is 1 part. In order to make S to 25% of the mixture, how much R is to be added?

A. half part
B. 1 part
C. 11/2 part
D. 2 part
E. 21/2 part
The correct answer is option [B]

243
Complete the series: 2, 3, 5, 7, 11, 13, 17, 19,_____.

A. 20
B. 21
C. 22
D. 23
E. 24
The correct answer is option [D]

These are the prime numbers (i.e., numbers whose only factors are one and the number itself).

244
A mother and father have six sons and each son has one sister. How many people are in that family?

A. 14
B. 12
C. 9
D. 8
E. 6
The correct answer is option [C]

245
Assuming you have enough coins of 1, 5, 10, 25 and 50 cents, how many ways are there to make change for a dollar?

A. 202
B. 229
C. 292
D. 922
E. 200
The correct answer is option [C]

246
At the local sweet shop, three particularly nice sweets are on special offer. A Tom tom, a Trebor and a Buttermint together cost N40. A Buttermint is over three times the price of a Tom tom. Six Tom tom are worth more than a Trebor. A Buttermint, plus two Tom tom costs less than a Trebor. Can you determine the price of each type of sweet?

A. Tom tom = N23, Trebor = N4, Buttermint = N13
B. Tom tom = N4, Trebor = N23, Buttermint = N13
C. Tom tom = N13, Trebor = N4, Buttermint = N13
D. Tom tom = N23, Trebor = N13, Buttermint = N4
E. Tom tom = N40, Trebor = N23, Buttermint = N13 The correct answer is option [B]
Solution:

Let the tom to be represented by x, trebor be represented as y and buttermint be represented as z

z = 3x<6x > y x + y + z = 40

x + 6x + 3z = 40

x = 40/10 = N4

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Therefore the price of Tom tom = N4, Trebor = N23 and Buttermint = N13.

247
Qiana can have a piece of work done in 8 days, Nissi can work three times faster than Qiana, Ala can work five times faster than Qiana. How many days will they take to do the work together?

A. 3 days
B. 8/9 days
C. 4 days
D. 5 days
E. Cannot be determined
The correct answer is option [B]

248
Which letter comes next in the series of alphabets? B, A, C, B, D, C, E, D, F, ?

A. C
B. D
C. E
D. F
E. G
The correct answer is option [C] Alternating letters

increase by one.

249
x% of y is y% of_____.

A. x
B. y
C. x/y
D. 2x
E. cannot be determined
The correct answer is option [A]

250
Following the pattern shown in the number sequence below, what is the missing number?

1, 81, ?, 2401

A. 89 B. 625 C. 526 D. 296 E. 605
The correct answer is option [B]

Each number is in the fourth power to the sequence 1, 3, 5, 7.

251
James and Steve were busy emptying their book shelves from one room to another. James on his own could have cleared the room in 18 hours. Steve also would take 18 hours. Unfortunately, John was moving the books back into the first room from the second room. He could fill the first room in 36 hours. How long will it take the three of them to complete the task?

A. 24hours
B. 18hours
C. 16hours
D. 12hours
E. 8hours
The correct answer is option [D]

252
Tom, Dick and Harry went for lunch to a restaurant. Tom had $100 with him, Dick had $60 and Harry had $409. They got a bill for $104 and decided to give a tip of $16. They further decided to share the total expenses in the ratio of the amounts of money each carried. The amount of money Tom paid is more than what Harry paid by_____.

A. 24
B. 36
C. 48
D. 60
E. 72
The correct answer is option [B]

253
During a recent cricket match, the total number of runs scored by the first six batmen was 103. The first batman scored half the runs of the second batman, who in turn scored 6 runs less than the third batman. The third batman in turn scored two thirds the runs of the fourth batman. The fifth batman managed to score the same number of runs as the difference between the first and fourth batman's runs. Finally, the sixth batman scored 14 less than the fifth batman. Can you determine how many runs the sixth batman managed to score?

A. 9 runs
B. 8 runs
C. 7 runs
D. 6 runs
E. 5 runs
The correct answer is option [A]

9 runs: Respectively the scores were 7, 14, 20, 30, 23, 9.

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254
Each child in a family has at least five brothers and four sisters. What is the smallest number of children the family might have?

A. 9
B. 11
C. 13
D. 15
E. 20
The correct answer is option [B]

Solution:
If each boy in the family has at least 5 brothers, then the smallest number of boys is 6.

Similarly, if each girl in the family has at least 4 sisters, then the smallest number of girls is 5.

Thus, the smallest number of children the family might have is 11.

255
Complete the sequence in the series: 2, 3, 4, 12, 6, 23, 8,
36, 10, .

A. 40
B. 44
C. 51
D. 55
E. 59
The correct answer is option [C]

The odd terms of the sequence are simply even numbers. The even terms are 3, 12, 23, 36, ...
12 - 3 = 9; 23 - 12 = 11; 36 - 23 = 13;
The differences between two consecutive even terms are 9, 11, 13, 15, ...
So, 51 - 36 = 15.

256
As my birthday approaches, I start to collect leaves. If on the first day of the month I collect one leaf, on the second day I collect two and so on. By my birthday I would have collected 276 leaves altogether. On which day of the month is my birthday?

A. 21st
B. 22nd
C. 23rd
D. 24th
E. 25th
The correct answer is option [C]

Solution

On the 23rd. 276 = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 18 + 19 + 20 + 21 + 22 + 23.

257
If a building b feet high casts a shadow f feet long, then, at the same time of day, a tree t feet high will cast a shadow of how many feet long?

A. ft/b
B. fb/t
C. b/ft
D. tb/f
E. Insufficient data
The correct answer is option [A]

258
If a class begins at 2:21pm and ends at 4:36pm the same afternoon, how many minutes long is the class?

A. 75 minutes
B. 135 minutes
C. 150 minutes
D. 215 minutes
E. 285 minutes
The correct answer is option [B]

260
What is the missing number in the sequence? 1, 4, 9, ? 25.

A. 12
B. 14
C. 16
D. 18
E. 20
The correct answer is option [C]

261
A certain number of men can finish a piece of work in 10 days. If there were 10 men less, it will take 10 days more for the work to be finished. How many men were there originally?

A. 100 men
B. 110 men
C. 125 men
D. 135 men
E. None of the above
The correct answer is option [B]

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263
A person was fined for exceeding the speed limit by 10mph. Another person was also fined for exceeding the same speed limit by twice the same. If the second person was travelling at a speed of 35 mph, what is the speed limit?.

A. 15mph
B. 16mph
C. 17mph
D. 18mph
E. 19mph
The correct answer is option [A] Solution
Let 'x' be the speed limit
Person 'A' was fined for exceeding the speed limit by = 10mph
Person 'B' was fined for exceeding the speed limit by = twice of 'A' = 2*10mph=20mph
Given that the second person was traveling at the speed of 35mph
=> 35mph - 20mph = 15mph Therefore the speed limit

is =15 mph

264
If you count from 1 to 100, how many 8's will you pass on the way?

A. 10
B. 11
C. 19
D. 20
E. 21
The correct answer is option [C] Solution:

8, 18, 28, 38, 48, 58, 68, 78, 80, 81, 82, 83, 84, 85, 86, 87,
88, 89, 98

Counting the numbers gives 19.

265
Assume that you have just heard of a scandal and that you are the first one to know. You pass it on to 4 persons in a matter of 30 minutes. Each of these 4 persons in turn passes it to 4 other persons in the next 30 minutes and so on. Assume that no one hears it more than once and that the world population is 5.6 billion. How long will it take for everybody in the world to get to know the scandal?

A. 10 hours
B. 8 hours
C. 6 hours
D. 4 hours
E. 17 hours
The correct answer is option [B]

266
With 4/5 full tank a vehicle travels 12 miles. With 1/3 full tank, how much distance will the vehicle travel?

A. 10 miles
B. 8 miles
C. 7 miles
D. 6 miles
E. 5 miles
The correct answer is option [E]

267
Amakiri does as much work in three hours as Kunle does in four hours. Kunle's son works half as fast as Kunle. If the three working together are paid N8.50k, how much should Kunle's son receive?

A. N2.00 B. N4.50 C. N3.00 D. N1.50 E. N2.20
The correct answer is option [D]

268
The Cintel mechanical computer is a very sensitive device. It consists of four sequential cog wheels which are in constant mesh. The largest cog has 63 teeth and the others have 42, 35 and 27 respectively. By accident, Daniel started to rotate the largest cog. How many revolutions must the largest cog make before the computer is back in its starting position (with all of the cogs where they started)?

A. 30 revolutions
B. 35 revolutions
C. 40 revolutions
D. 45 revolutions
E. 50 revolutions
The correct answer is option [A]

269
Six gross of special drawing pencils were purchased for use in a department. If the pencils were used at the rate of 24 a week, the maximum number of weeks that the six gross of pencils would last is_____weeks.

A. 6
B. 12
C. 24
D. 36

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E. 18
The correct answer is option [D]

270
Start with a number larger than 0, square it, add 4, double it, take away 3, multiply by 4 and finally subtract the original number from it. If you were now left with 20, what number did you start with?

A. 1/8 B. 1/7 C. 1/6 D. 1/5 E. 1/4
The correct answer is option [A]

271
It was Flourish's first day at school. The teacher suggested that it would be a good idea for each child to meet every other child in the class. The teacher said, "When you meet, please shake hands and introduce yourself by name." If there were 12 children in the class, how many total handshakes were there?

A. 11
B. 12
C. 60
D. 66
E. 67
The correct answer is option [D]

The class has 12 children. The first child shakes hands with the other 11 children. The second child has already shaken hands with the first child, and so has to shake hands with only the other 10 children. In this manner, the second-last child has to shake hands with only one child, and the last child has already met all the children. Thus, the number of handshakes is:

11 + 10 + ... + 2 + 1 = 66.

If there were 12 children in the class, then there were 66 total handshakes.

272
Which of the following number is 9 times the sum of its digits?

A. 9
B. 10
C. 26
D. 81 E. 118
The correct answer is option [D]

Solution:

The number is 81, simply because 81 = 9 (8 + 1).

273
N5887 is divided between Helen and Bryan, such that Helen's share at the end of 9 years is equal to Bryan's share at the end of 11 years compounded annually at the rate of 5%. What is Helen's share?

A. N2088 B. N2000 C. N3087 D. N1967
E. None of the above
The correct answer is option [C]

274
Diki, Ala, Nissi, and Qiana shared a N2000 prize, Ala got twice as much as Diki, Nissi got 3 times as much as Diki, and Qiana got N200. How much, in naira, did Diki get?

A. N300
B. N200
C. N400
D. N500
E. N600
The correct answer is option [A]

275
Complete the sequence in the series: 2, 6, 12, 20, 30, 42, 56, .

A. 64
B. 69
C. 72
D. 79
E. 82
The correct answer is option [C]

(1)(2) = 2;
(2)(3) = 6;
(3)(4) = 12;
(4)(5) = 20;
(5)(6) = 30;
(6)(7) = 42;
(7)(8) = 56;
(8)(9) = 72;
The nth term in the sequence is given by n (n + 1).

276
A merchant marks his goods in such a way that the profit on sale of 50 articles is equal to the selling price of 25 articles. What is his profit margin?

A. 25%
B. 50%

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C. 66.67%
D. 100%
E. 125%
The correct answer is option [D]

277
The price of sugar increases by 20%. By what % should a housewife reduce the consumption of sugar so that expenditure on sugar can be same as before?

A. 9% B. 12%
C. 15.55%
D. 16.16%
E. 17%
The correct answer is option [D]

278
How many integers between 100 and 150 inclusive, can be evenly divided by neither 3 nor 5?

A. 33
B. 28
C. 27
D. 26
E. 24
The correct answer is option [C]

279
Tarela buys three items at the store for exactly N100. The second item costs half as much as the first item, and the third item is half as much as the second. How much did each one cost?

A. First: N50, Second: N25, Third: N12.5
B. First: N60, Second: N30, Third: N15
C. First: N57.14, Second: N28.57, Third: N14.285
D. First: N65, Second: N32.5, Third: N15.25 The correct answer is option [C]

279
Tarela buys three items at the store for exactly N100. The second item costs half as much as the first item, and the third item is half as much as the second. How much did each one cost?

A. First: N50, Second: N25, Third: N12.5
B. First: N60, Second: N30, Third: N15
C. First: N57.14, Second: N28.57, Third: N14.285
D. First: N65, Second: N32.5, Third: N15.25 The correct answer is option [C]

280
Ann purchased a house for N139,547. She wants to sell it for a profit of exactly 15%. However, she does not want to sell it herself, she wants a real estate agent to sell it for her. The agent must make a commission of exactly 5.6% (in addition to Ann's 15% profit). How much must the Agent sell the house? Give your answer to the nearest Naira.

A. N178,000 B. N177,500 C. N174,000 D. N170,000 E. N169,200
The correct answer is option [D]

Solution:

The Agent must sell Ann's house for N170,000.
The Agent gets N9,520 as commission (i.e., 0.056 x 170000).

Ann gets (including profit) N160,480, i.e., 170,000 - 9,520. It may be noted that: (160,480 - 139,547) /139,547 x 100 = 15%.

Importantly, the profit is calculated on the purchase cost (by Ann) and the commission is calculated on the selling price (by the Agent).

The problem may also be solved by setting up the following equation:

Purchase Cost + Ann's Profit + Agent's Commission = Selling Price

139,547 + (15/100) 139,547 + (5.6/100) S = S
where S is the Selling Price in Naira.

The equation may be solved as shown below. 160,480 + 0.056 S = S

S = 160,480/(1 - 0.056) = 170,000. 281
My local greengrocer is a would-be mathematician. He likes to arrange his apples in nice rows. However, when he lays his apples in rows of 3, he has one left over. When he lays them in rows of 5, he also has one left over. Remarkably he also has one left over when he arranges them in rows of 7 and 9. 11 seems to be the magic number, for in rows of 11 there are no apples left over. How many apples does the greengrocer have?

A. 946
B. 964
C. 469
D. 496

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E. 694
The correct answer is option [A]

282
If 0.2t = 2.2 - 0.6s and 0.5s = 0.2t + 1.1, then s =

A. 1
B. 3
C. 10
D. 11
E. 13
The correct answer is option [B]

283
Pricillia put six different colored beans in a bag. She had red, blue, pink, orange, yellow, and purple colored beans. There were 30 beans total in the bag. If there were 4 red beans, 2 blue beans, 6 pink beans, 5 orange beans, 4 yellow beans, and 9 purple beans. What is the probability that someone could pull a pink or a yellow bean out of the bag?

A. 0 B. 1/5
C. 2/15 D. 1/15 E. 1/3
The correct answer is option [E]

Solution
You have a one third chance of getting a pink or a yellow bean.
6 + 4 = 10
10/30 = 1/3

284 In Hints International High School, the science department has three disciplines. In total, 280 students study chemistry, 254 students study physics and 280 students study biology. 97 students study both chemistry and physics, 138 students study both physics and biology,
152 students study both chemistry and biology. 73 students study all three disciplines. How many students are there in the science department?

A. 73 B. 387 C. 460 D. 500 E. 814
The correct answer is option [D] 285

I once cashed a cheque at the bank. I had spent N4.49 before I realised the bank clerk had made a mistake. He had transposed the Naira with the Kobo. I now had exactly 5 times the value of the original cheque. What was the original cheque value?

A. N9.98 B. N52.9 C. N9.52 D. N25.9 E. N9.25
The correct answer is option [C]

286
How many litres of water should be added to a 30 litre mixture of milk and water, containing milk and water in the ratio of 7 : 3, such that the resultant mixture has 40% water in it?

A. 7 Litres
B. 10 Litre
C. 5 Litres
D. 6 Litres
E. None of the above
The correct answer is option [C]

287
Two identical taps fill 2/5 of a tank in 20 minutes. In how many minutes will the remaining one tap fill the rest of the tank when one of the taps goes dry?

A. 5 minutes
B. 10 minutes
C. 15 minutes
D. 20 minutes
E. 28 minutes
The correct answer is option [C]

288
A man bought a motor cycle for N160.00, sold it for N170.00, then bought it back for N180.00, and finally sold it for N190.00. How much did he make or lose in this series of transactions?

A. N10 lose
B. N30 profit
C. N10 profit
D. N20 profit
E. N20 lose
The correct answer is option [D]

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288
A man bought a motor cycle for N160.00, sold it for N170.00, then bought it back for N180.00, and finally sold it for N190.00. How much did he make or lose in this series of transactions?

A. N10 lose
B. N30 profit
C. N10 profit
D. N20 profit
E. N20 lose
The correct answer is option [D]

289
(Use the information to answer the question, the list of vowels is 1000 miles and consonant is 2000 miles.)

My Hints electronic world atlas, has developed a fault. I did a listing of miles from Scotland to particular countries and here is the result:

England 12,000 miles
Peru 6,000 miles
Egypt 9,000 miles
Iceland 11,000 miles
How far away did it list Ethiopia as?

A. 11,000 miles.
B. 12,000 miles
C. 9,000 miles
D. 6,000 miles
E. None of the above
The correct answer is option [A] Solution:

11,000 miles.
Each vowel is worth 1,000 miles, each consonant is worth 2,000 miles. So, you add up all the vowels in Ethiopia which comes up to 5,000 miles and all the consonants add up to 6,000 miles; this sums up to 11,000 miles.

290
Last week I decided to cycle to my grandmother's house. On the first day, I cycled half of the distance. On day 2, I cycled one half of the remaining distance. On day 3, I cycled three quarters of the remaining distance. On day 4, I cycled 10 miles. On day 5, I cycled two thirds of the remaining distance and on the final day, I cycled the remaining 5 miles. How far is it to my grandmother's house?

A. 475 miles
B. 450 miles
C. 425 miles
D. 400 miles
E. 375 miles
The correct answer is option [D]

291
What is the value of (0.75 * 0.75 * 0.75 - 0.001)/(0.75 * 0.75 - 0.075 + 0.01)?

A. 0.845
B. 1.908
C. 2.312
D. 0.001
E. 0
The correct answer is option [A]

292
Following the pattern shown in the number sequence, what is the missing number?
100, 400, 900, 1600, 2500, ?, 4900.

A. 2800
B. 3000
C. 3200
D. 3400
E. 3600
The correct answer is option [E]
Each number is the square of the sequence 10, 20, 30, 40, 50, 60, 70

293
Desmond is renovating the local hospital. He has to number each of the rooms in the hospital with plastic numbers. However, he ran out of the number 9. How many 9's must Desmond buy in order to number all 999 rooms?

A. 304
B. 303
C. 302
D. 301
E. 300
The correct answer is option [E]

He required 300 9's. Start with: 9, 19, 29, 39, 49, 59, 69, 79, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99 - which has 20 9's.
We then repeat this for 100, 200, 300, up to 900 - which is 200 9's. But from 900 to 999 we have an extra 100 9's as each starts with a 9. So the total is 300.

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294
A monk has a very specific ritual for climbing up the steps to the temple. First he climbs up to the middle step and meditates for 1 minute. Then he climbs up 8 steps and faces east until he hears a bird singing. Then he walks down 12 steps and picks up a pebble. He takes one step up and tosses the pebble over his left shoulder. Now, he walks up the remaining steps three at a time which only takes him 9 paces. How many steps are there?

A. 120
B. 200
C. 60
D. 49
E. 18
The correct answer is option [D]
He hears the bird singing on step 33. He picks up the pebble on the 21st step and tosses it on the 22nd step. The remaining 27 steps are taken three at a time which is 9 paces.

295
There are 5 red shoes, 4 green shoes. If one randomly draws a shoe, what is the probability of getting a red shoe?

A. 5/9 B. 4/9 C. 1/9
D. 9
E. 0
The correct answer is option [A]

297
A plane maintains an average speed of 696mph from London to New York. It then returns from New York to London at an average speed of 145mph. What is the average speed for the entire journey?

A. 204mph
B. 145mph
C. 240mph
D. 274mph
E. None of the above
The correct answer is option [C]

240mph: let the distance be x miles. Therefore, the outward trip takes x/696 hours and the return trip takes x/145 hours. The total distance travelled is hence 2x, in a time of (x/696 + x/145). Therefore the speed (distance / time) is given by 2x/(x/696 + x/145) = 240 mph.

299
If one third of sixty is added to one fourth of 80 and 40 is subtracted from this sum, what will be the remainder?

A. 0
B. 20
C. 40
D. 80 E. 100
The correct answer is option [A]

300
What is sum of half of two plus two?

A. 2
B. 3
C. 4
D. 5
E. None of the above
The correct answer is option [B] 2 + [1/2 × 2] = 3.

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SECTION-2

VERBAL REASONING

30 Questions will be drawn from this section

This questions pack has 300 of these past verbal reasoning questions.

You should pick 30 questions and manually set your time to 30 minutes, to see how fast you can answer in the real test.

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NNPC RECRUITMENT - Verbal Reasoning Questions

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

1
As a disease
P : and breaks up marriages Q: accidents and suicides
R : alcoholism leads to S : affecting all ages
The proper sequence should be_____.

A. SRPQ
B. RPSQ
C. SRQP
D. RQPS
The correct answer is option [C]

2
Car is to Engine as Rowboat is to_____.

A. Oar
B. Human
C. Ocean
D. Wood
E. Sail
The correct answer is option [B]

3
What is the missing letter in this series?
.....h g ? e d.

A. a
B. b
C. c
D. f
E. i
The correct answer is option [D]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
4
TEN : DECIMAL

A. seven : septet
B. four : quartet
C. two : binary
D. five : quince
The correct answer is option [C]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

5
CORPOREAL : SPIRITUAL

A. moron : savant
B. mesa : plateau
C. foreigner : immigrant
D. pedagogue :teacher
The correct answer is option [A]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

6
Arrange the words given below in a meaningful sequence.
1. Caste 2. Family 3. Newly married Couple 4. Clan 5. Species

A. 2, 3, 1, 4, 5
B. 3, 4, 5, 1, 2
C. 3, 2, 1, 4, 5
D. 4, 5, 3, 2, 1
The correct answer is option [C]

7
Add a letter to the beginning of me, and then read me backwards, and you have a word that means "to run away secretly with the intention of getting married." Someone resides at one of me - add a letter to the end of his last name, and you have a provision in a document. What am I?

A. Escape
B. House
C. Pole
D. Kidnap
E. Continent
The correct answer is option [C]

Pole. The other word referred to was elope.

8
Which three-letter word can be placed in front of the following words to make a new word?
FELLOW, PLATE, POST

A. BEG
B. BED
C. BID
D. CAR
E. CAP

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The correct answer is option [B]

9
During the recent Hints cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does 101011000011110 stand for?

A. Japan
B. Jamaica
C. Jericho
D. Jerusalem
E. Johannesburg
The correct answer is option [A]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
10
Arrange the words given below in a meaningful sequence.
1. Infant 2. Old 3. Adult 4. Adolescent 5. Child

A. 5, 4, 3, 2, 1
B. 3, 4, 2, 1, 5
C. 2, 3, 4, 5, 1
D. 1, 5, 4, 3, 2
The correct answer is option [D]

11
Which is the odd one in the option?

A. Regularly
B. Annually
C. Weekly
D. Fortnightly
E. Monthly
The correct answer is option [A]

12
In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

When he

P: did not know

Q: he was nervous and

R: heard the hue and cry at midnight S: what to do

The proper sequence should be_____.

A. RQPS
B. SQPR
C. QSPR
D. PQRS
The correct answer is option [A]

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

(A) If only (1) conclusion follows

(B) If only (2) conclusion follows

(C) If either (1) or (2) follows

(D) If both (1) and (2) follow. 13
Statements: All the harmoniums are instruments. All the instruments are flutes.
Conclusions:
All the flutes are instruments. All the harmoniums are flutes.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Both (1) and (2) follow
The correct answer is option [B]

14
The sentence "neither of them are guilty" is correct.

A. True
B. False
The correct answer is option [B]

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The correct sentence is 'neither of them is guilty'.

15
During the recent Brainfriend cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 11011111111011111111110010011 represent?

A. Mongolia
B. Malaysia
C. Mali
D. Mauritania
E. Mauritius
The correct answer is option [A]

16
Which is the odd one out?

A. Arrow
B. Dagger
C. Spear
D. Shield
E. None of the above
The correct answer is option [D]

Shield is the odd one out because it is the only piece of defensive armor. Arrow, dagger and spear are pointed weapons used to attack.

17
Arrange the words given below in a meaningful sequence.
1. Adult 2. Child 3. Infant 4. Boy5. Adolescent

A. 1, 3, 4, 5, 2
B. 2, 3, 5, 4, 1
C. 2, 3, 4, 1, 5
D. 3, 2, 4, 5, 1
The correct answer is option [D]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

18
French woman

P : committed suicide

Q : where she had put up

R : who had come to Calcutta

S : by jumping from the first floor balcony of the hotel The

proper sequence should be_____.

A. PRQS
B. QSRP
C. RPSQ
D. SRQP
The correct answer is option [C]

19
Which is the odd one in the options?

A. Locker
B. Carpet
C. Bench
D. Drawer
E. Cupboard
The correct answer is option [B]

20
Which is the odd one out?

A. Farm
B. Duplex
C. Bungalow
D. Cottage
E. Hut
The correct answer is option [A]

Farm is the odd one out because it usually refers to piece of cultivated land. Bungalow, cottage and hut are types of houses.

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
21
WAN : COLOUR

A. corpulent : weight
B. pallid : complexion
C. insipid : flavour
D. enigmatic : puzzle

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The correct answer is option [C]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

22

LIGHT : BLIND

A. speech : dumb
B. language : deaf
C. tongue : sound
D. voice : vibration

The correct answer is option [A]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

23

To leave someone in the lurch is to_____.

A. come to compromise with someone
B. constant source of annoyance to someone
C. put someone at ease
D. desert someone in time of difficulty The correct answer is option [D]

24

North Pole, Arctic Circle,_____, Equator.

A. West pole
B. Tropic of Cancer
C. Antarctic Circle
D. Tropic of Capricorn
E. South Pole

The correct answer is option [B]

Here latitudes are arranged from the North Pole to the Equator. Tropic of Cancer lies between the Arctic Circle and the Equator.

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

25

THRUST : SPEAR

A. mangle : iron
B. scabbard : sword
C. bow : arrow
D. fence : epee

The correct answer is option [D]

26

The sentence " she said that she was leaving" can be written in a direct quotation form as_____.

A. she said' I am leaving'
B. she said; I am leaving
C. she said, "I am leaving"
D. "she said" I am leaving
E. None of the above

The correct answer is option [C]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

27

It has been established that

P : Einstein was
Q: although a great scientist R : weak in arithmetic
S: right from his school days

The proper sequence should be_____.

A. SRPQ
B. QPRS
C. QPSR
D. RQPS

The correct answer is option [B]

28

If ERROR is related to practice; SOUND is related to _____.

A. DEAFNESS
B. NOISE
C. MUFFLER
D. HORN
E. None of the above

The correct answer is option [C]

A MUFFLER reduces noise as PRACTICE reduces error.

29

If PAINTER is related to BRUSH; PLUMBER is related to _____.

A. HAMMER
B. PIPE

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C. SHOP
D. WRENCH
E. None of the above
The correct answer is option [D]

30
During the recent Buckles cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 101111110010110011 represent?

A. West Malaysia
B. West Germany
C. West Indies
D. Washington
E. Wales
The correct answer is option [E]

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:
(A) If only (1) conclusion follows
(B) If only (2) conclusion follows
(C) If either (1) or (2) follows
(D) If both (1) and (2) follow.

31
Statements: Some mangoes are yellow. Some tixo are mangoes.

Conclusions:
Some mangoes are green. Tixo is a yellow.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Both (1) and (2) follow
The correct answer is option [D]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
32
HOPE : ASPIRES

A. love : elevates
B. fib : lie
C. film : flam
D. fake : ordinary
The correct answer is option [B]

33
Which is the odd one out?

A. Ear
B. Lip
C. Nose
D. Eye
E. Chest
The correct answer is option [E]

Chest is the odd one out because it is not a part of the face. Ear, lip, eye and nose are parts of the face.

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
34
People

P : at his dispensary Q : went to him

R : of all professions

S : for medicine and treatment

The proper sequence should be_____.

A. QPRS
B. RPQS
C. RQSP
D. QRPS
The correct answer is option [C]

35
Which is the odd one out?

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A. Eagle
B. Plane
C. Rocket
D. Squirrel
E. Cloud
The correct answer is option [D]

Squirrel is the odd one out because the eagle, cloud and plane can be seen moving in the sky.

36
Which is the odd one out?

A. Table
B. Wood
C. Chair
D. Cupboard
E. Cabinet
The correct answer is option [B]

Wood is the odd one out because it is a material used to make furniture such as the table, chair and cupboard.

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
37
Arrange the words given below in a meaningful sequence.
1. Leaves 2. Branch 3. Flower
4. Tree 5. Fruit

A. 4, 3, 1, 2, 5
B. 4, 2, 5, 1, 3
C. 4, 3, 2, 1, 5
D. 4, 2, 1, 3, 5
The correct answer is option [D]

38
Belema, Furo, Ibimina, Ibisiki, and Tekena were the top five finishers in the national 700-mile race. They drove yellow, orange, green, red and blue cars but not necessarily in that order. Neither Ibisiki nor Tekena drove the green car. Ibisiki finished faster than Belema and Tekena. The blue car finished earlier than Tekena 's and Ibimina 's car. The yellow car finished faster than the green car and the orange car. Belema 's and Tekena 's car finished ahead of the orange car. Furo 's car finished before the blue and the yellow car.
Who drove the blue car and what place did he finish?

A. Ibimina: 5th
B. Ibisiki: 2nd
C. Tekena: 3rd
D. Tekena:1st
The correct answer is option [B]

39
Which three-letter word can be placed in front of the following words to make a new word?
LIGHT, BREAK, TIME

A. BOX
B. SAP
C. DAY
D. BED
E. PAN
The correct answer is option [C]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
40
To hit the nail right on the head is to_____.

A. be exactly correct
B. destroy one's reputation
C. announce one's fixed views
D. teach someone a lesson
The correct answer is option [A]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
41
A shot in the dark is to_____.

A. be able to see in the dark
B. tell a big fat lie
C. floor a person with a punch to the face
D. take a wild guess
The correct answer is option [D]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
42
To drive home a point is to_____.

A. find one's roots
B. return to place of rest
C. be back to original position
D. emphasize
The correct answer is option [D]

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In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

43

Arrange the words given below in a meaningful sequence.

1. Presentation 2. Recommendation3. Arrival 4. Discussion

5. Introduction

A. 5, 3, 4, 1, 2
B. 3, 5, 4, 2, 1
C. 3, 5, 1, 4, 2
D. 5, 3, 1, 2, 4

The correct answer is option [C]

44

Identify the word that can be formed from the complete letters in the word 'INSATIABLE'.

A. Satiable
B. Banalities
C. Table
D. Basin
E. None of the above

The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

45

Arrange the words given below in a meaningful sequence.

1. Cut 2. Puon 3. Mark 4. Measure 5. Tailor

A. 3, 1, 5, 4, 2
B. 2, 4, 3, 1, 5
C. 1, 3, 2, 4, 5
D. 4, 3, 1, 5, 2

The correct answer is option [D]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

46

Arrange the words given below in a meaningful sequence.

1. Yarn 2. Pleat 3. Saree 4. Cotton 5. Cloth

A. 2, 4, 5, 1, 3
B. 2, 4, 3, 5, 1
C. 2, 4, 1, 5, 3
D. 2, 4, 5, 3, 1

The correct answer is option [C] 47

Rearrange the scrambled word below to form a proper word.

HCPRAATEU

A. APATHCUTE
B. CUTEPATH
C. PARACUTE
D. PARACHUTE
E. CATEPARA

The correct answer is option [D]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

48

It was to be

P : before their school examination Q : which was due to start
R : the last expedition S : in a month's

The proper sequence should be_____.

A. SRQP
B. RQSP
C. RPQS
D. SPRQ

The correct answer is option [C]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

49

This time

P : exactly what he had been told Q : the young man did?

R : beyond his dreams

S : and the plan succeeded

The proper sequence should be_____.

A. QPRS
B. QPSR
C. PQSR

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D. QSRP
The correct answer is option [B]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
50
He knew that

P : and then to save himself Q : was to save all the lives
R : entrusted to his care
S : the duty of a captain

The proper sequence should be_____.

A. PQRS
B. SQRP
C. SPRQ
D. QSRP
The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
51
Arrange the words given below in a meaningful sequence.
1. Heel 2. Shoulder 3. Skull 4. Neck5. Knee 6. Chest 7. Thigh
8. Stomach 9. Face10. Hand

A. 3, 4, 7, 9, 2, 5, 8, 10, 6, 1
B. 3, 9, 4, 2, 10, 6, 8, 7, 5, 1
C. 2, 4, 7, 10, 1, 5, 8, 9, 6, 3
D. 4, 7, 10, 1, 9, 6, 2, 5, 8, 3
The correct answer is option [B]

52
80 is to octogenarian as 90 is to_____.

A. nonagenarian
B. novagenarian
C. novascotian
D. nanogenarian
E. nacogenarian
The correct answer is option [A]

An octogenarian is between 80 and 90 years old, and a nonagenarian is between 90 and 100 years old.

53
There are 900 bottles to be filled. Jim and Molly working independently but at the same time take 30 minutes to fill the bottles. How long should it take Molly working by herself to fill the bottles?

Statement 1 -Molly fills half as many bottles as Jim. Statement

2 -Jim would take 45 minutes by himself.

Which of the statements above make it possible to answer the question?

A. Statement 1 alone is sufficient, but statement 2 alone is not sufficient.

B. Statement 2 alone is sufficient, but statement 1 alone is not sufficient.
C. Both statements together are sufficient, but neither statement alone is sufficient.
D. Each statement alone is sufficient. The correct answer is option [D]

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

(A) If only (1) conclusion follows

(B) If only (2) conclusion follows

(C) If either (1) or (2) follows

(D) If both (1) and (2) follow.

54
Statements: Some papers are pens. All the pencils are pens.

Conclusions:

Some pens are pencils. Some pens are papers.

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A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Both (1) and (2) follow
The correct answer is option [D]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
55
GRAVITY : PULL

A. iron : metal
B. north pole : directions
C. magnetism : attraction
D. dust : desert
The correct answer is option [C]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
56
t is not, therefore

P : that I pay a tribute

Q : to conductors as a class

R : with any feeling of unfriendliness

S : to a particular member of that class The proper

sequence should be_____.

A. PQRS
B. RQPS
C. RSPQ
D. PSRQ
The correct answer is option [C]

57
The figure of speech 'simile' is the same thing as 'personification'.

A. True

B. False
The correct answer is option [B]

Simile is comparing things with the use of "like or as' Personification is the act of giving human qualities to inanimate or lifeless objects.

59
Which is the odd one out?

A. Walk
B. Jog
C. Run
D. Sit
E. Jump
The correct answer is option [D]

Sit is the odd one out because the legs are not used here. When we walk, run and jog, the legs are used to move.

60
Egg,_, pupa, butterfly.

A. tadpole
B. larva
C. spawn
D. cocoon
E. None of the above
The correct answer is option [B]

Here a life cycle is given according to stages from the initial stage to the adult stage. Larva is the stage between the egg and the pupa. Spawn is the term for fish eggs or frog's eggs. Cocoon is the covering in the pupa stage. Tadpole is an intermediate stage in the life cycle of a frog.

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
61
He told us that

P : and enjoyed it immensely Q : in a prose translation

R : he had read Milton

S : which he had borrowed from his teacher The proper

sequence should be_____.

A. RSQP

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B. QRPS
C. RQSP
D. RQPS
The correct answer is option [C]

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

(A) If only (1) conclusion follows

(B) If only (2) conclusion follows

(C) If either (1) or (2) follows

(D) If both (1) and (2) follow. 62
Statements: Some ants are parrots. All the parrots are apples.
Conclusions:
All the apples are parrots. Some ants are apples.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Both (1) and (2) follow
The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
63
Arrange the words given below in a meaningful sequence.
1. Protect 2. Pressure 3. Relief
4. Rain 5. Flood

A. 2, 4, 3, 1, 5
B. 2, 4, 5, 1, 3
C. 2, 5, 4, 1, 3
D. 3, 2, 4, 5, 1
The correct answer is option [B]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
64
Education is

P : of the proper sense of responsibilities Q : the first need

R : in a citizen

S : for the development

The proper sequence should be_____.

A. SQPR
B. QSRP
C. QSPR
D. PQRS
The correct answer is option [C]

The sample below shows two words which have a certain relationship. From the list of options, select the pair which does not have the same relationship.
65
FILTER : WATER

A. curtail : activity
B. edit : book
C. expunge : text
D. censor : play
The correct answer is option [D]
You cannot censor a play but you can censor a movie.

66
Of the teams competing in the world archery championships, twenty percent are from Europe. Half as many are from the United States and one twentieth are from Africa. What fraction of teams are from neither Europe, the US or Africa?

A. 13/20 B. 15/20 C. 20/13 D. 17/20
The correct answer is option [A]

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Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

67

To smell a rat is to_____.

A. see signs of plague epidemic
B. percieve the odour of a dead rat
C. be in a bad mood
D. suspect foul dealings

The correct answer is option [D]

68

Day,_____, month, year.

A. century
B. decade
C. hour
D. fortnight
E. minute

The correct answer is option [D]

Here time periods are arranged according to duration from short periods to long ones. A fortnight is fifteen days and therefore it naturally comes between day and month. Decade (10 years) and century (100 years) are too long whereas hour is too short

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

69

To cry wolf is to_____.

A. listen eagerly
B. give false alarm
C. turn pale
D. keep off starvation

The correct answer is option [B]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

69

To cry wolf is to_____.

A. listen eagerly
B. give false alarm
C. turn pale
D. keep off starvation

The correct answer is option [B]

70

Which of the following is least like the others?

A. Poem
B. Novel
C. Painting
D. Statue
E. Flower

The correct answer is option [E]

Flower is the only one not made by man. 71

Point, segment,_____, line.

A. dot
B. ray
C. dash
D. arc
E. none of the above

The correct answer is option [B]

Here geometrical terms are arranged according to length. A ray lies between a segment and line. A ray extends indefinitely in one direction whereas a line extends indefinitely in both directions. A segment has a definite length. Here, dot, dash and arc are clearly irrelevant options.

72

Which is the odd one out?

A. Brook
B. Pond
C. River
D. Stream
E. Ocean

The correct answer is option [B]

Pond is the odd one out because it is still water. Brook, river, ocean and stream refer to flowing water.

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

73

Arrange the words given below in a meaningful sequence.

1. Word 2. Paragrap 3. Sentence
4. Letters 5. Phrase

A. 4, 1, 5, 2, 3

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B. 4, 1, 3, 5, 2
C. 4, 2, 5, 1, 3
D. 4, 1, 5, 3, 2
The correct answer is option [D]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
74
ARMY : LOGISTICS

A. business : strategy
B. war : logic
C. soldier : students
D. team : individual
The correct answer is option [A]

75
During the recent Applause cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 100001111110011110100 represent?

A. Philippines
B. Portugal
C. Poland
D. Puerto rico
E. None of the above
The correct answer is option [C]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
76
DISTANCE : MILE

A. weight : scale
B. liquid : litre
C. bushel : corn
D. fame : television
The correct answer is option [B]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
77
Since the beginning of history P : have managed to catch

Q : the Eskimos and Red Indians R : by a very difficulty method

S : a few specimens of this aquatic animal The proper sequence

should be_____.

A. QRPS

B. SQPR
C. SQRP
D. QPSR
The correct answer is option [D]

78
During the recent Dexco cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 10100110011011111110 represent

A. Tanzania
B. Taiwan
C. Thailand
D. Togo
E. None of the above
The correct answer is option [B]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
79
PORK : PIG

A. rooster : chicken
B. steer : beef
C. lobster : crustacean
D. mutton : sheep

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The correct answer is option [D]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

80

To end up in smoke is to_____.

A. make to completely understand

B. ruin oneself

C. excite great applause

D. inhale cigarette smoke

The correct answer is option [B]

81

Which is the odd one in the option?

A. Air force

B. Navy

C. Boys Scout

D. Police

E. Army

The correct answer is option [C]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

82

MUNDANE : SPIRITUAL

A. common : ghostly

B. routine : novel

C. secular : clerical

D. worldly : unworldly

The correct answer is option [D]

83

The cost of manufacturing tractors in Korea is twenty percent less than the cost of manufacturing tractors in Germany. Even after transportation fees and import taxes are added, it is still cheaper to import tractors from Korea to Germany than to produce tractors in Germany.

Which of the following assertions is best supported by this information?

A. Labor costs in Korea are twenty percent below those in Germany.

B. Importing tractors into Germany will eliminate twenty percent of the manufacturing jobs in Germany.

C. The costs of transporting a tractor from Korea to Germany is more than twenty percent of the cost of manufacturing the tractor in Korea.

D. The import taxes on a tractor imported from Korea to Germany is less than twenty percent of the cost of manufacturing the tractor in Germany.

The correct answer is option [D]

84

Which is the odd one out?

A. Pool

B. Lake

C. Water

D. Pond

E. None of the above

The correct answer is option [C]

Water is the odd one out because pool, pond and lake are bodies of water typically surrounded by land.

85

Which of the following word is the opposite of "Probity"?

A. Turpitude

B. Veracious

C. Devotion

D. Dignity

E. Allegiance

The correct answer is option [A]

85

Which of the following word is the opposite of "Probity"?

A. Turpitude

B. Veracious

C. Devotion

D. Dignity

E. Allegiance

The correct answer is option [A]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.

86

To catch a tarter is to_____.

A. trap a wanted criminal with great difficulty

B. catch a dangerous person

C. meet with disaster

D. deal with a person who is more than one's match The correct answer is option [B]

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87
Which word is the odd one out?

First, Second, Third, Forth, Fifth, Sixth, Seventh, Eighth

A. Second
B. Forth
C. Sixth
D. Eighth
E. Seventh
The correct answer is option [B]

'Forth' is the odd one because it is incorrectly spelt. It ought to be 'Fourth'.

88
Bat, sheep,_____, elephant.

A. squirrel
B. rat
C. blue whale
D. porcupine
E. horse
The correct answer is option [E]

Here mammals are arranged according to size from small to big. A horse is bigger than a sheep and smaller than an elephant. A squirrel and a rat are too small and a blue whale is too big. In fact, the blue whale is the largest mammal.

89
Which of the following does not belong with the others? (Hint: Think of how they are used).

A. Knife
B. Screw
C. Nail
D. Wrench
E. Scythe
The correct answer is option [D]
The knife and scythe are used to cut, and the nail and screw are used to pierce; the wrench is the only item that is not used to cut or pierce.

90
Pedro goes either hunting or fishing every day. If it is snowing & windy then Pedro goes hunting. If it is sunny and not windy then Pedro goes fishing. Sometimes it can be snowing and sunny.

QUESTION: Which of the following statements must be true:

A. If it is not sunny and it is snowing then Pedro goes hunting.
B. If it is windy and Pedro does not go hunting then it is not snowing.
C. If it is windy and not sunny then Pedro goes hunting.
D. If it is windy and sunny then Pedro goes hunting. The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
91
Arrange the words given below in a meaningful sequence.
1. Family 2. Community 3. Member 4. Locality 5. Country

A. 3, 1, 2, 4, 5
B. 3, 1, 2, 5, 4
C. 3, 1, 4, 2, 5
D. 3, 1, 4, 5, 2
The correct answer is option [A]

92
During the recent Tijays cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 110100101111011101 represent?

A. Finland
B. France
C. Florida
D. Fox Islands
E. None of the above
The correct answer is option [B]

93
Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
A man of straw is_____.

A. a man of no substance
B. a very active person
C. a worthy fellow

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D. an unreasonable person
The correct answer is option [A]

94
Inyang's dog timmy is 40years old now. In the next two years, it will be_____years old.

A. 6
B. 42
C. 80
D. 60
E. none of the above
The correct answer is option [D]
A year is equivalent to 10 years of a dog's life; thus, in the next two years, timmy will be 40 + 20years old.

95
Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
To make a clean breast of is to_____.

A. gain prominence
B. praise oneself
C. confess without reserve
D. destroy before it blooms The correct answer is option [C]

96
Which of the following word can be added to the end of LIFT and the beginning of MAN to form two other English words?

A. CLOSE
B. BANK
C. GATE
D. PLAY
E. DOWN
The correct answer is option [C]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
97
Arrange the words given below in a meaningful sequence.
1. Wall 2. Clan 3. House 4. Room 5. Bricks

A. 5, 2, 1, 4, 3
B. 2, 5, 4, 1, 3
C. 2, 5, 1, 4, 3
D. 1, 2, 3, 4, 5
The correct answer is option [C]

98
Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
To be above board is to_____.

A. have a great height
B. be honest in all business dealings
C. be free of any debt
D. be outstandingly beautiful The correct answer is option [B]

99
Which is the odd one out?

A. Pencil
B. Crayon
C. Paper
D. Pen
E. Marker
The correct answer is option [C]

Paper is the odd one out because it is the medium on which we write or draw. Crayon, pen and pencil are devices with which we write or draw.

100
In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

When it began to rain suddenly on the first of January P : to

celebrate the new year
Q : we ran for shelter

R : to the neighbouring house
S : where many people had gathered
The proper sequence should be_____.

A. QRPS
B. PSQR
C. PRSQ
D. QRSP
The correct answer is option [D]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

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101
DIVA : OPERA

A. producer : theatre
B. director : drama
C. conductor : bus
D. thespian : play
The correct answer is option [D]

102
In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

In the darkness

P : the long, narrow beard Q : was clearly visible with
R : the tall stooping figure of the doctor S : and the aquiline nose

The proper sequence should be_____.

A. RQPS
B. PSQR
C. RSQP
D. QPRS
The correct answer is option [A]

103
Which word of four letters can be added to the front of the following words to create other English words?

CARD, BOX, CODE, BAG, HASTE

A. BACK
B. PALM
C. CLAP
D. POST
E. TOSS
The correct answer is option [D]

POSTcard, POSTbox, POSTcode, POSTbag, POSThaste

104 Belema, Furo, Ibimina, Ibisiki, and Tekena were the top five finishers in the national 700-mile race. They drove yellow, orange, green, red and blue cars but not necessarily in that order. Neither Ibisiki nor Tekena drove the green car. Ibisiki finished faster than Belema and Tekena. The blue car finished earlier than Tekena 's and Ibimina 's car. The yellow car finished faster than the green car and the orange car. Belema 's and Tekena 's car finished ahead of the orange car. Furo 's car finished before the blue and the yellow car.
Who drove the red car and what place did he finish?

A. Furo: 1st
B. Ibisiki: 2nd
C. Tekena: 3rd
D. Belema: 4th
The correct answer is option [A]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

105
It is easier
P : to venture into space Q : for men
R : beneath their feet S : than to explore

The proper sequence should be_____.

A. QRPS
B. QPSR
C. PSRQ
D. PQSR
The correct answer is option [B]

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to beat variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:
(A) If only (1) conclusion follows
(B) If only (2) conclusion follows
(C) If either (1) or (2) follows
(D) If both (1) and (2) follow.

106

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Statements: Some actors are singers. All the singers are dancers.
Conclusions:
Some actors are dancers. No singer is an actor.

A. Only (1) conclusion follows
B. Only (2) conclusion follows
C. Either (1) or (2) follows
D. Both (1) and (2) follow.
The correct answer is option [A] 107

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

Arrange the words given below in a meaningful sequence.
1. Probation 2. Interview 3. Selection 4. Appointment
5. Advertisemet 6. Application

A. 5, 6, 3, 2, 4, 1
B. 5, 6, 4, 2, 3, 1
C. 5, 6, 2, 3, 4, 1
D. 6, 5, 4, 2, 3, 1
The correct answer is option [C]

108
Pear is to Apple as Potato is to_____.

A. banana
B. radish
C. strawberry
D. peach
E. lettuce
The correct answer is option [B] Both grow under ground.

109
In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

Then
P : it struck me Q: of course
R : suitable it was S: how eminently

The proper sequence should be_____.

A. SPQR
B. QSRP
C. PSRQ
D. QPSR
The correct answer is option [C]

110
Which is the odd word in the option?

A. Aim
B. Gain
C. Reason
D. Purpose
E. Motive
The correct answer is option [B]

111
Which vowel comes midway between J and T?

A. A
B. E
C. I
D. O
E. U
The correct answer is option [D] JKLMN - O - PQRST

112
What is as light as a feather that even the strongest man cannot hold for more than 4 minutes?

A. Foam
B. His breath
C. Fire
D. Tissue paper
E. None of the above
The correct answer is option [B]

113
During the recent Sylbil cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.
Which country does the code 11010111011010011 represent?

A. Zambia

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B. Zimbabwe
C. Zion
D. Zaire
E. None of the above
The correct answer is option [A]

114
Fold is toTear as Alter is to_____.

A. Effrontery
B. Reprobate
C. Assess
D. Eradicate
E. Verve
The correct answer is option [D]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
115
It is easy to excuse P : but it is hard
Q : in a boy of fourteen
R : the mischief of early childhood
S : to tolerate even unavoidable faults The proper

sequence should be_____.

A. RPQS
B. QRSP
C. QRPS
D. RPSQ
The correct answer is option [D]

116
Which is the odd one out?

A. Carbon
B. Aluminium
C. Copper
D. Iron
E. Zinc
The correct answer is option [A]

Carbon is the odd one out because it is not a metal.
Aluminum, copper, Zinc and Iron are metals.

117 Belema, Furo, Ibimina, Ibisiki, and Tekena were the top five finishers in the national 700-mile race. They drove yellow, orange, green, red and blue cars but not necessarily in that order. Neither Ibisiki nor Tekena drove the green car. Ibisiki finished faster than Belema and Tekena. The blue car finished earlier than Tekena 's and Ibimina 's car. The yellow car finished faster than the green car and the orange car. Belema 's and Tekena 's car finished ahead of the orange car. Furo 's car finished before the blue and the yellow car.
Who finish 4th place?

A. Ibisiki
B. Tekena
C. Ibimina
D. Belema
The correct answer is option [D]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
118
If you need help

P : promptly and politely Q : ask for attendants
R : to help our customers S : who have instructions

The proper sequence should be_____.

A. SQPR
B. QPSR
C. QSRP
D. SQRP
The correct answer is option [C]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
119
They felt safer

P : to watch the mountain Q : of more than five miles R : as they settled down
S : from a distance

The proper sequence should be_____.

A. RPSQ

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B. RSQP
C. PQSR
D. PRSQ
The correct answer is option [A]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
120
Of many artists

P : those who impressed me the most Q : I was a child
R : but those with unique personalities off stage S : were not always the successful ones

The proper sequence should be_____.

A. SRQP
B. QRSP
C. RSPQ
D. QPSR
The correct answer is option [D]

121
Amble,_____, jog, run.

A. sprint
B. walk
C. crawl
D. creep
E. none of the above
The correct answer is option [B]

Here actions are arranged according to speed from slowto fast. Walk is faster than amble and slower than jog. Crawl and creep are too slow whereas sprint is too fast.

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
122
Arrange the words given below in a meaningful sequence.
1. Elephant 2. Cat 3. Mosquito
4. Tiger 5. Whale

A. 5, 3, 1, 2, 4
B. 3, 2, 4, 1, 5
C. 1, 3, 5, 4, 2
D. 2, 5, 1, 4, 3
The correct answer is option [B]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
123
INDIGENT : WEALTHY

A. gauche : graceful
B. native : affluent
C. scholarly : erudite
D. angry : rich
The correct answer is option [A]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
124
The national unity of a free people

P : to make it impracticable
Q : for there to be an arbitrary administration
R : depends upon a sufficiently even balance of political power
S : against a revolutionary opposition that is irreconcilably opposed to it

The proper sequence should be_____.

A. QRPS
B. QRSP
C. RPQS
D. RSPQ
The correct answer is option [D]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
125
the majestic mahogany table P : belongs to an old prince

Q : which has one leg missing R : who is no impoverished

S : but not without some pride

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The proper sequence should be_____.

A. PQSR
B. QRSP
C. PRSQ
D. QPRS
The correct answer is option [D]

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
126
To have an axe to grind is_____.

A. a private end to serve
B. to fail to arouse interest
C. to have no result
D. to work for both sides
The correct answer is option [A]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
127
Arrange the words given below in a meaningful sequence.
1. Income 2. Status 3. Education
4. Well-being 5. Job

A. 3, 1, 5, 2, 4
B. 1, 3, 2, 5, 4
C. 1, 2, 5, 3, 4
D. 3, 5, 1, 2, 4
The correct answer is option [D]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
128
Arrange the words given below in a meaningful sequence.
1. Leaf 2. Fruit 3. Stem 4. Root 5. Flower

A. 3, 4, 5, 1, 2
B. 4, 3, 1, 5, 2
C. 4, 1, 3, 5, 2
D. 4, 3, 1, 2, 5
The correct answer is option [B]

129
Bmrng is to Rtrn as Qcksnd is to_____.

A. Bnk
B. Jmp
C. Lck
D. Snk
E. Bttl
The correct answer is option [D]

The analogy is "Boomerang is to Return as Quicksand is to Sink", but with all of the vowels removed. A boomerang is well known as an object that returns (or is supposed to) when thrown, and quicksand is something that things can sink into.

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
130
To pick holes is to_____.

A. find some reason to quarrel
B. destroy something
C. criticise someone
D. cut some part of an item The correct answer is option [C]

131
Which is the odd one out?

A. Paper
B. Tree
C. Man
D. Insect
E. Reptile
The correct answer is option [A]

Paper is the odd one out because it is the only non-living thing. Tree, mouse and man are living things.

Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of the proverb/idiom.
132
To play second fiddle is to_____.

A. be happy, cheerful and healthy
B. reduce importance of one's senior
C. support the role and view of another person
D. do back seat driving
The correct answer is option [C]

133
Which of the following word can be added to the end of GRASS and the beginning of SCAPE to form two other English words?

A. GREEN
B. EXTRA

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C. LAND
D. FRESH
E. CARPET
The correct answer is option [C]

134
Which is the odd one out?

A. Cheese
B. Yoghurt
C. Butter
D. Margarine
E. Milk
The correct answer is option [E]

Milk is the odd one out because butter, cheese, margarine and yoghurt are products made from milk.

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
135
We have to

P : as we see it

Q : speak the truth

R : there is falsehood and weakness S : even if all

around us

The proper sequence should be_____.

A. RQSP
B. QRPS
C. RSQP
D. QPSR
The correct answer is option [D]

136
A group or flock of crows goes by another name. What is it?

A. Fortune
B. Cluster
C. Murder
D. Cacophony
E. Bluster
The correct answer is option [B]

137
'She dwells with beauty - beauty that must die'. The following sentence contains_____figure of speech.

A. personification
B. metaphor
C. onomatopoeia
D. simile
E. none of the above
The correct answer is option [A]
'Beauty' is given the attribute of a living thing 'die'. It is only living things that die.

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
138
AFTER : BEFORE

A. first : second
B. present : past
C. successor : predecessor
D. contemporary : historic
The correct answer is option [C]

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.
139
The grocer

P : did not listen to the protests of customer Q : who was in the habit of weighing less
R : whom he had cheated S : with great audacity

The proper sequence should be_____.

A. PRSQ
B. QSPR
C. QPRS
D. PQSR
The correct answer is option [C] 140

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Belema, Furo, Ibimina, Ibisiki, and Tekena were the top five finishers in the national 700-mile race. They drove yellow, orange, green, red and blue cars but not necessarily in that order. Neither Ibisiki nor Tekena drove the green car. Ibisiki finished faster than Belema and Tekena. The blue car finished earlier than Tekena 's and Ibimina 's car. The yellow car finished faster than the green car and the orange car. Belema 's and Tekena 's car finished ahead of the orange car. Furo 's car finished before the blue and the yellow car.
Who drove the orange car?

A. Ibisiki
B. Belema
C. Ibimina
D. Furo
The correct answer is option [C]

141
Which is the odd one out?

A. Enormous
B. Mighty
C. Great
D. Tiny
E. Huge
The correct answer is option [D]

142
Building, town,_____, country.

A. planet
B. continet
C. apartment
D. room
E. state
The correct answer is option [E]

Here places are arranged according to size from small to big. A state is bigger than a town and smaller than a country. Continent and planet are too big whereas apartment is too small.

143
During the recent Silverscreen cipher convention, a binary code contest took place. The contest consisted of a binary code transmission where the spaces between the letters were missing and there was no punctuation. Each letter of the alphabet was translated into its binary equivalent based on its position in the alphabet: a=1, b=10, c=11, d=100, e=101, f=110, g=111, h=1000, i=1001, j=1010, k=1011, l=1100, m=1101, n=1110, o=1111, p=10000, q=10001, r=10010, s=10011, t=10100, u=10101, v=10110, w=10111, x=11000, y=11001, z=11010.

Which country does the code 1101111110010111111111111 represent?

A. Malaysia
B. Mali
C. Mauritania
D. Morocco
E. Mauritius
The correct answer is option [D]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
144
Arrange the words given below in a meaningful sequence.
1. Tree 2. See 3. Flowers
4. Fruit 5. Plant

A. 5, 2, 1, 3, 4
B. 2, 5, 1, 4, 3
C. 2, 5, 1, 3, 4
D. 2, 5, 3, 1, 4
The correct answer is option [C]

145
Which is the odd word in the option?

A. Right
B. True
C. Correct
D. Accurate
E. Left
The correct answer is option [E]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
146
Arrange the words given below in a meaningful sequence.
1. Poverty 2. Population 3. Death
4. Unemployment 5. Disease

A. 2, 3, 4, 5, 1
B. 3, 4, 2, 5, 1
C. 2, 4, 1, 5, 3
D. 1, 2, 3, 4, 5
The correct answer is option [C]

147
Choose the option that does not belong to the group.

A. Town
B. Street
C. Path

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D. Road
E. Lane
The correct answer is option [A]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
148
Arrange the words given below in a meaningful sequence.
1. Rainbow 2. Rain 3. Sun
4. Happy 5. Child

A. 4, 2, 3, 5, 1
B. 2, 3, 1, 5, 4
C. 4, 5, 1, 2, 3
D. 2, 1, 4, 5, 3
The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
148
Arrange the words given below in a meaningful sequence.
1. Rainbow 2. Rain 3. Sun
4. Happy 5. Child

A. 4, 2, 3, 5, 1
B. 2, 3, 1, 5, 4
C. 4, 5, 1, 2, 3
D. 2, 1, 4, 5, 3
The correct answer is option [B]

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
149
PAIN : SEDATIVE

A. comfort : stimulant
B. grief : consolation
C. trance : narcotic
D. ache : extraction
The correct answer is option [B]

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.
150
Arrange the words given below in a meaningful sequence.
1. Nation 2. Village 3. City 4. District 5. State

A. 2, 3, 4, 5, 1
B. 2, 3, 4, 1, 5
C. 1, 3, 5, 4, 2
D. 1, 2, 3, 4, 5
The correct answer is option [A]

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SECTION-3

G.K / CURRENT AFFAIRS

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ACRONYMS

1. In Nigeria, PTDF is known as_____.
A. Petroleum Training and Development Foundation
B. Petroleum Technical Development Funds
C. Petroleum Trust Development Fund
D. Petroleum Training Development Fund

2. In Nigeria, NITDA is known as_____.
A. National Information Technology Development Agency
B. Nigerian Information Technology Development Agency
C. National Information Technology Development Authority
D. National Institute of Technology Development Agency

3. In Nigeria, PENGASSAN stands for_____.
A. Petroleum Natural Gas Senior Staff of Nigeria
B. Petroleum and Natural Gas Senior Staff Association of Nigeria
C. Petroleum and Natural Gas Association of Senior Staff of Nigeria
D. Petrol and Natural Gas Association of Senior Staff of Nigeria

4. In Nigeria, NAICOM is known as_____.
A. National Insurance Commission
B. Nigerian Agency of Insurance Commission
C. National Investment Commission
D. Nigerian Agency of Investment Commission

5 In Nigeria, FIRS is known as_____.
A. Federal Inland Responsibility Service
B. Federal Inland Regulatory Service
C. Federal Inland Revenue Service
D. Federal Inland Resource Service

6 In Nigeria, FRCN is known as_____.
A. Federal Resources Collection of Nigeria
B. Federal Road Corporation of Nigeria
C. Federal Radio Corporation of Nigeria
D. Federal Responsibility Commission of Nigeria

7. In Nigeria, NAPIMS is known as_____.
A. National Petroleum Investment Management Service
B. Nigerian Petroleum Investment Management Service
C. National Petrol Investment Management Service
D. Nigeria Petroleum Investment Management Service

8 In Nigeria, ICPC stands for_____.
A. International Collegiate Programming Contest
B. International Cable Protection Committee
C. Independent Centre for the Prevention of Crime
D. Independent Corrupt Practices and other Related Offences Commission

9. In Nigeria, NESREA is known as _____
A. National Environmental Regulation and Enforcement Agency
B. Nigerian Environmental Regulation and Enforcement Agency
C. National Economical Regulation and Enforcement Agency
D. National Environmental Regulation and Enforcement Authority

10. ALGON stands for_____.
A. All Local Governments of Nigeria
B. Associated Local Governments of Nigeria
C. Association of Local Governments of Nigeria
D. Association of Legal Governors of Nigeria

11. In Nigeria, WOTCLEF stands for_____.
A. World Trafficking Transport and Children Emancipation Foundation
B. Women Trafficking and Child Emancipation Foundation
C. World Transport and Child Labour Eradication Foundation
D. Women Trafficking and Child Labour Eradication Foundation

12. Internationally, UNESCO is known as_____.
A. United Nation Education Scientific and Cultural Organ
B. United Nations Economic, Scientific and Cultural Organisation
C. United Nations Educational, Scientific and Cultural Organisation
D. United Nations Education and Science Organisation

13. The full meaning of the acronym of the Nigerian agency N.E.M.A., is_____.
A. Nigerian Empowerment Management Agency
B. National Environmental Management Agency
C. Nigerian Economy Management Agency
D. National Emergency Management Agency

14. In Nigeria, FRC is known as_____.
A. Federal Responsibility Commission
B. Fiscal Resources Commission
C. Fiscal Revenue Commission
D. Fiscal Responsibility Commission

15. In Nigeria, NEPZA is known as_____.
A. Nigeria Export Processing Zones Authority
B. National Export Processing Zones Authority
C. Nigerian Export Processing Zones Authority
D. Nigeria Export Processing Zones Agency

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ACRONYMS

16. In Nigeria, FEPA is known as_____.
A. Federal Economical Protection Agency
B. Federal Environmental Protection Agency
C. Federal Electorate Protection Agency
D. Federal Emergency Protection Agency

17. In Nigeria, EFCC stands for_____.
A. Economic and Finance Crimes Commission
B. Economic and Financial Crimes Commission
C. Economical and Financial Crimes Commission
D. Economic and Financial Crimes Corporation

18. In Nigeria, FAAN is known as_____.
A. Federal Airspace Authority of Nigeria
B. Federal Airspace Agency of Nigeria
C. Federal Airports Agency of Nigeria
D. Federal Airports Authority of Nigeria

19. In Nigeria, NAPEP is known as_____.
A. Nigerian Poverty Eradication Programme
B. National Petroleum Environmental Programme
C. Nigerian Police Empowerment Programme
D. National Poverty Eradication Programme

20. CAF is an acronym for_____.
A. Confederation of African Football
B. Community of African Football
C. Confederation of American Football
D. Commision for African Football

21. The acronym N.S.E. stands for_____.
A. Nigerian Society for Education
B. National Security Enforcement
C. Nigerian Stock Exchange
D. National Societal Eradication

22. In Nigeria, NUPENG is known as_____.
A. Nigeria Union of Petroleum and Natural Gas Workers
B. Nigerian Union of Petroleum and Natural Gas Workers
C. National Union of Petroleum and Natural Gas
D. National Union of Petroleum and Natural Gas Workers

23. FIFA is an acronym for_____.
A. Fédération Internationale Football Association
B. Football Internationale de Fédération Association
C. Fédération Internationale de Football Association
D. Fédération Internale de Football Association

24. In Nigeria, NAMA is known as_____.
A. Nigerian Airspace Management Agency
B. Nigeria Airports Management Authority
C. Nigerian Airspace Management Authority
D. Nigeria Airports Management Agency

25. In Nigeria, FMBN is known as_____.
A. Fiscal Money Bank of Nigeria
B. Federal Mortgage Bank of Nigeria
C. Federal Management Bank of Nigeria
D. Federal Maritime Bank of Nigeria

26. In Nigeria, NSCDC is known as_____.
A. Nigerian Security and Civil Defence Corp
B. Nigerian Service and Civil Defence Corp
C. National Security and Civil Defence Corp
D. Nigeria Security and Civil Defence Corp

27. In Nigeria, PTDF stands for_____.
A. Petroleum and Transportation Development Fund
B. Petroleum Trust Development Fund
C. Petroleum Development Fund
D. Petroleum Technology Development Fund

28. The acronym UNCTAD stands for_____.
A. United Nations Committee on Trade and Development
B. United Nations Council on Trade and Development.
C. United Nations Commission on Trade and Development.
D. United Nations Conference on Trade and Development.

29. SAP is an acronym for_____.
A. Structural Added Programme
B. Structural Adjustment Programme
C. Structural Adjustment Problem
D. Structural Amendment Problem
E. Structural Abreviated Programme

30. In Nigeria, NERC is known as_____.
A. Nigerian Export Regulatory Commission
B. Nigerian Electoral Regulatory Commission
C. National Electricity Regulatory Commission
D. Nigerian Electricity Regulatory Commissi

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Answers

1) C
2) A
3) B
4) A
5) C
6) C
7) A
8) D
9) A
10) C
11) D
12) C
13) D
14) D
15) A
16) B
17) B
18) D
19) D
20) A
21) C
22) B
23) C
24) A
25) B
26) A
27) D
28) D
29) B
30) D

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1
In_____, the first Aeroplane in Nigeria landed in Kano State.

A. 1925
B. 1937
C. 1961
D. 1955
The correct answer is option [A]

2
In February 2013,_____awarded the Minister, the 2012 Champion Man of the year.

A. Guardian Newspaper
B. Champion Newspaper
C. Champion Magazine
D. Silverbird Group
The correct answer is option [B]

3
Heathrow Airport is a_____based airport.

A. London
B. Paris
C. Germany
D. China
The correct answer is option [A]

4
Which of the following airlines operating in Nigeria is not a domestic airline?

A. ADC Airline
B. KLM Airline
C. Chanchangi Airline
D. Sosoliso Airline
The correct answer is option [B]

5
Nigeria has a total of_____airports operated by the Federal Airports Authority of Nigeria.

A. 22
B. 21
C. 23
D. 24
The correct answer is option [A]

6
The full meaning of the acronym KLM Airline, is Koninklijke Luchtvaart Maatschappij, also known as_____.

A. Lufthansa German Airlines
B. Pan African Airlines
C. Kenya Airways
D. Royal Dutch Airlines
The correct answer is option [D]

7
Which one of the following Nigerian States does not have an airport?

A. Kano State
B. Adamawa State
C. Niger State
D. Abia State
The correct answer is option [D]

8
In the Nigerian Industry, NAPA is known as_____.

A. Nigeria Professional Agency
B. National Professional Association
C. Nigeria Airports Professional Association
D. Nigerian Professional Association The correct answer is option [D]

9
The full meaning of the acronym EAS airline is_____.

A. Eastern Airlines Services
B. Export Airlines Services
C. Executive Airlines Services
D. External Airlines Services The correct answer is option [C]

10
Which of the following airlines is a Nigerian airline?

A. Delta Airlines
B. Arik Air
C. Virgin Atlantic
D. Atlantic Express
The correct answer is option [B]

11
_____had its operating license temporarily suspended by the Nigerian government after its MD-83 aircraft crash in June 2012.

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A. Sosoliso Airline
B. Dana Air
C. Bellview Airline
D. ADC Airline
The correct answer is option [B]

12
The international airport in Abuja is called_____.

A. Murtala Muhammed International Airport
B. Aminu Kano International Airport
C. Abuja International Airport
D. Nnamdi Azikiwe International Airport The correct answer is option [D]

13

_____ was the first to be commissioned amongst the the listed airports undergoing structural remodelling under the 1st phase of the Airport Remodelling Project.

A. Port Harcourt International Airport, Omagwa Terminal
B. Margaret Ekpo International Airport, Calabar terminal
C. Murtala Muhammed Airport ,Lagos terminal
D. Nnamdi Azikiwe International Airport, Abuja terminal The correct answer is option [C]

14
In March 2013,_____was the Managing Director of Federal Airports Authority of Nigeria (FAAN),

A. Princess Stella Adaeze Oduah
B. Mr George Uriesi
C. Dr. Goodluck Ebele Jonathan
D. Comrade Adams Oshomole The correct answer is option [B]

15
In March 2013,_____was the General Manager, Corporate Communications of the Federal Airports Authority of Nigeria.

A. Dr H. Demuren
B. Stella Adaeze-Oduah
C. Mr Yakubu Dati
D. Mazi Nnamdi Udoh
The correct answer is option [C]

16
Which of the following Nigerian States have an airport?

A. Kebbi State
B. Kaduna State
C. Bayelsa State
D. Taraba State
The correct answer is option [B]

17
The first female pilot in Nigeria is_____.

A. Blessing Liman
B. Aderonke Kale
C. Itinu Hotonu
D. Mrs Chinyere Oyenaucheye The correct answer is option [D]

18
In 2012, the Airport Remodelling Project in Nigeria listed _____airport terminals to undergo remodelling in first phase of the project.

A. 11
B. 12
C. 22
D. 15
The correct answer is option [A]

19
The Federal Airports Authority of Nigeria commissioned the remodelled_____on Friday, March 8, 2013.

A. Benin Airport terminal
B. Murtala Muhammed Airport Domestic Terminal 1
C. General Terminal of the Nnamdi Azikiwe International Airport, Abuja
D. Yola Airport terminal
The correct answer is option [A]

20
In Februaury 2013, The Nigerian Airspace Management Agency (NAMA) named Nollywood actress Miss Benita Nzeribe as_____.

A. Nigerian Sector Ambassador for Sierra Leone
B. Federal Airport Authority Ambassador for Nigeria
C. Air Safety Ambassador for Nigeria
D. Nigerian Airspace Management Agency Ambassador for Europe
The correct answer is option [C]

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21
The robbery attack at the Terminal Zero Car Park of the Murtala Muhammed International Airport, Lagos, on March 13th 2013, led to the ban of _____fr
om all airports across the country by FAAN.

A. plain clothes policemen
B. Bureaux de Change operators
C. supermarkets
D. illegal parking
The correct answer is option [B]

22
In the Nigerian industry, NAAPE is known as_____.

A. Nigerian Airports Authority for Pilots and Engineers
B. Nigerian Airspace Authority for Pilots and Engineers
C. Nigerian Association of Aircraft Pilots and Engineers
D. National Association of Aircraft Pilots and Engineers The correct answer is option [D]

23
Although very operational in Nigeria, Delta Airlines is
_____airline.

A. a British
B. a French
C. a Portuguese
D. an American
The correct answer is option [D]

24
President Goodluck Jonathan approved the removal of the Director-General of the Nigerian Civil Authority from office

with effect from_____.

A. March 12, 2013
B. March 5, 2013
C. March 13, 2013
D. March 11, 2013
The correct answer is option [A]

25
Federal Airports Authority of Nigeria (FAAN) has its corporate headquarters in_____.

A. Lagos
B. Ibadan
C. Abuja
D. Port Harcourt
The correct answer is option [A]

26
In March 2013, Engr. Mazi Nnamdi Udoh was the Managing Director of_____.

A. Murtala Muhammed International Airport (MMIA)
B. Nigerian Airspace Management Agency (NAMA)
C. International Air Transport Association (IATA)
D. GE Capital Services Limited (GECAS) The correct answer is option [B]

27
Which of the following is NOT an airline operating locally or internationally in Nigeria?

A. Turkish Airlines
B. Qatar Airways
C. Donghai Airlines
D. IRS Airlines
The correct answer is option [C]

28
Which of the following airports in Nigeria is not managed by Federal Airports Authority of Nigeria (FAAN)?

A. Yakubu Gowon Airport
B. Bauchi Airport
C. Uyo Airport
D. Benin Airport
The correct answer is option [C]

29
In March 2013, the Director-General of the Nigeria Civil

Authority_____ was removed from office by the President.

A. Stella Oduah-Ogiewonyi
B. Dr. Harold Demuren
C. Oluminde Ohunayo
D. Hope Uzodinma
The correct answer is option [B]

30
Lufthansa Airline is_____airline.

A. a German
B. an American
C. a British
D. a French
The correct answer is option [A]

31

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The first Nigerian female military pilot is _____.

A. Itinu Hotonu
B. Aderonke Kale
C. Blessing Liman
D. Josephine Okwuekeleke Tolefe The correct answer is option [C]

32
The DANA AIR 992 commercial passsenger flight from Abuja to Lagos crashed into a furniture-works and printing building in the Iju-Ishaga neighbourhood of Lagos on _____.

A. Sunday, June 3, 2012
B. Sunday, March 18, 2012
C. Sunday, April 22, 2012
D. Sunday May 6, 2012
The correct answer is option [A]

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Countries

1
Abuja is to Nigeria as Cairo is to_____.

A. Cuba
B. Egypt
C. El Salvador
D. Argentina
E. Austria
The correct answer is option [B]

2
_____is the most populous city of the world.

A. New York
B. Tokyo
C. New Delhi
D. Seoul
E. Cairo
The correct answer is option [D]

3
Bangui is the capital of_____.

A. Central African Republic
B. Guinea Bissau
C. Kenya
D. Lesotho
The correct answer is option [A]

4
'Asmara' is the capital of which of the following African countries?

A. Malawi
B. Eritrea
C. Burundi
D. Ethiopia
The correct answer is option [B]

5
Which one of the following is not a tourist attraction point in Nigeria?

A. Ibeno Beach
B. Pyramid of Khufu
C. Ogbunike Cave
D. Agbokim Waterfalls
The correct answer is option [B]

6
All of the following Common Wealth Countries except _____, were part of the British Empire, out of which the Commonwealth was formed.

A. Mozambique
B. Bangladesh
C. South-Africa
D. Tuvalu
The correct answer is option [A] Mozambique didn't become a member of the British Commonwealth until 1995. It is unique in this respect because it was the only country in the Commonwealth which wasn't under some form of British control in the past. It was a former Portuguese colony that became independent in 1975.
New members of the Commonwealth were required to abide by certain criteria that arose from certain documents, the most important of which are the Harare principles and the Edinburgh criteria. The foremost of the Edinburgh criteria requires new members to have either constitutional or administrative ties to at least one current member of the Commonwealth of Nations. The Edinburgh criteria arose from the 1995 accession of Mozambique; at the time, it was the only member that was never part of the British Empire (in whole or part).

7
Nigeria shares boundaries with the following countries:

A. Benin, Sudan and South Africa
B. Ghana, Libya and Cote d' Ivoire
C. Benin, Niger and Cameroon
D. South Africa, Mali and Zambia
E. None of the above
The correct answer is option [C]

8
The 'Victoria Falls', one of the seven natural wonders of the world, is a popular tourist destination in_____, Africa.

A. Zambia
B. Zimbabwe
C. Zambia and Zimbabwe
D. None of the above
The correct answer is option [C]

9
Pyongyang is in_____.

A. Japan

B. China
C. North Korea
D. South Korea
The correct answer is option [C]

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Countries

10
Ghana is to Accra as Mali is to_____.

A. Maseru
B. Maputo
C. Mangua
D. Bamako
E. None of the above
The correct answer is option [D]

11
Abuja is to Nigeria as Mogadishu is to_____.

A. Somalia
B. Togo
C. Botswana
D. Mauritus
E. Sudan
The correct answer is option [A]

12
Morocco is to Casablanca as Cote d'Ivoire is to_____.

A. Yamoussoukro
B. Dublin
C. Moscow
D. Athens
E. None of the above
The correct answer is option [A]

13
Mount Kilimanjaro is in_____.

A. Tanzania
B. Kenya
C. Tunisia
D. Togo
E. Ghana
The correct answer is option [A]

14
How many countries surround Lake Chad?

A. 2
B. 1
C. 3
D. 4
E. 5
The correct answer is option [D]
The countries are Cameroon, Chad, Niger and Nigeria

15
Which one of the following world cities has the most population?

A. Karachi, Pakistan
B. Mumbai, India
C. Dhaka, Bangladesh
D. Beijing, China
The correct answer is option [A] Karachi is the largest city, main seaport and financial centre of Pakistan, as well as the capital of the province of Sindh. The city has an estimated population of 21 million people as of April 2012
Mumbai, formerly Bombay, is the capital city of the Indian state of Maharashtra. It is the most populous city in India, and the fourth most populous city in the world, with a total metropolitan area population of approximately 20.5 million

Dhaka is a megacity and one of the major cities of South Asia. It is located on the banks of the Buriganga River. Dhaka, along with its metropolitan area, has an estimated population of over 12 million in 2008, making it the largest city in Bangladesh
Beijing, sometimes romanized as Peking, is the capital of the People's Republic of China and one of the most populous cities in the world. The population as of 2012 was 20,693,000

16
The currency used in Isreal is_____.

A. Lira
B. Shekel
C. Dinar
D. Rupee
E. None of the above
The correct answer is option [B]

17
Tripoli is to Libya, as Antananarivo is to_____.

A. Madagascar
B. Malawi
C. Botswana
D. Angola
The correct answer is option [A]

18
Which of the following options is not one of the three capital cities of South Africa?

A. Pretoria
B. Cape Town
C. Durban
D. Bloemfontein
The correct answer is option [C]

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Countries

19
In which of the following countries can 'Zanzibar' be found?

A. Ethiopia
B. Guinea Bissau
C. Tanzania
D. Liberia
The correct answer is option [C]

20
In which of the following countries can Mount Kilimanjaro be found?

A. Gabon
B. Uganda
C. Gambia
D. Tanzania
The correct answer is option [D]

21
Cairo is to Egypt, as_____is to Zambia.

A. Conakry
B. Lusaka
C. Harare
D. Kampala
The correct answer is option [B]

22
Yaounde is to Cameroun, as_____is to Eritrea.

A. Tunis
B. Mbabana
C. Asmara
D. Bissau
The correct answer is option [C]

23
The former name of Ghana is_____.

A. Accra
B. Lome
C. Ankra
D. Kampala
E. Gold Coast
The correct answer is option [E]

24
_____is the most populous muslim country in the world.

A. Singapore
B. Indonesia
C. Iran
D. Iraq
E. Saudi Arabia
The correct answer is option [B]

25
The highest populated country in Black Africa is _____.

A. Ghana
B. Brazil
C. South Africa
D. Angola
E. Nigeria
The correct answer is option [E]

26
_____is the second largest oil producer in Africa.

A. Libya
B. Nigeria
C. Liberia
D. Ghana
E. Kenya
The correct answer is option [A]

27
The three largest cities in the world are_____.

A. Lagos, Paris and Los Angeles
B. Ibadan, New York and Tokyo
C. Cairo, Washington and Oslo
D. London, New York and Tokyo
E. Sydney, Calcutta and Mexico The correct answer is option [D]

28
The modern state of Israel came into being in the year _____.

A. 1949
B. 1945
C. 1948
D. 1939
The correct answer is option [C]

29
_____is the oldest town in the world.

A. Jericho
B. Ile-lfe
C. Cairo
D. Jerusalem.
E. Timbuktu
The correct answer is option [A]

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30
Which of the following countries, is not a member of the Organization of the Petroleum Exporting Countries (OPEC)?

A. Qatar
B. Iraq
C. Saudi Arabia
D. Syria
The correct answer is option [D]

31
Lome is to Togo, as_____is to Tanzania.

A. Nairobi
B. Banjul
C. Libreville
D. Dar es Salaam
The correct answer is option [D]

32
Ouagadougou is the capital of_____.

A. Algeria
B. Tanzania
C. Burkina Faso
D. Somalia
E. None of the above
The correct answer is option [C]

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Education

1
The novel 'Purple Hibiscus', shortlisted for and awarded several prestigious prizes, is authored by___.

A. Ngugi wa Thiong'o
B. Chimamanda Ngozi Adichie
C. Wole Soyinka
D. Chinua Achebe
E. Ayi Kwei Armah

3
The motto of N.Y.S.C is_____.

A. Humility and servility
B. Service and Humility
C. Success is power
D. Knowledge and happiness
E. Service and wealth

4
Which of the plays is NOT written by Wole Soyinka?

A. The lion and the jewel
B. The gods are not to blame
C. A dance of the forests
D. Death and the kings horseman

5
Which one of the following Nigerian writers wrote the novel, 'The Concubine'?

A. Chinua Achebe
B. Elechi Amadi
C. T. M. Aluko
D. Nnorom Azuonye

6
_____, a notable Nigerian studied for a Ph.D. degree from the University of Michigan from 1987 through 1991 but was denied his degree.

A. Prof. Wole Soyinka
B. Philip Emeagwali
C. Chief Emeka Anyaoku
D. Chukwuemeka Odumegwu Ojukwu

7
Ladoke Akintola University of Technology Ogbomosho is a Federal University?

A. True

B. False

8
Covenant university of Nigeria was established in_____.

A. 2000
B. 2001
C. 2002
D. 2003

9
The University of Lagos was renamed as 'Moshood Abiola University' by President Goodluck Jonathan on the _____; a decision he reversed afterwards.

A. 7th July, 2012
B. 18th June, 2012
C. 29th May, 2012
D. 23th April, 2012

10
Bayero University is a State University.

A. True

B. False

10
Bayero University is a State University.

A. True
B. False

12
The novel "The Burning Grass" was written by _____.

A. Chinua Achebe
B. Wole Soyinka
C. Elechi Amadi
D. Cyprian Ekwensi

13
The Association that champions the cause of Nigerian students is_____.

A. N.B.A.S.
B. N.A.N.S.
C. N.A.S.U.
D. L.A.S.U.
E. F.I.F.A.

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14
The first University in Nigeria is_____.

A. Obafemi Awolowo University (OAU)
B. University of Ibadan (UI)
C. University of Nigeria (UNN)
D. University of Lagos
E. Amadu Bello University of Zaria (ABU)

14
The first University in Nigeria is_____.

A. Obafemi Awolowo University (OAU)
B. University of Ibadan (UI)
C. University of Nigeria (UNN)
D. University of Lagos
E. Amadu Bello University of Zaria (ABU)

1
The novel 'Purple Hibiscus', shortlisted for and awarded several prestigious prizes, is authored by__.

A. Ngugi wa Thiong'o
B. Chimamanda Ngozi Adichie
C. Wole Soyinka
D. Chinua Achebe
E. Ayi Kwei Armah
The correct answer is option [B]

2
_____ gained worldwide attention for the African literatures 'No longer at ease', 'A man of the people', 'Anthillis of the Savannah' and 'Arrow of God'.

A. Elechi Amadi
B. Chinua Achebe
C. Wole Soyinka
D. Ola Rotimi
E. Cyprian Ekwensi
The correct answer is option [B] EDUCATION

3
The motto of N.Y.S.C is_____.

A. Humility and servility
B. Service and Humility
C. Success is power
D. Knowledge and happiness
E. Service and wealth
The correct answer is option [B]

4
Which of the plays is NOT written by Wole Soyinka?

A. The lion and the jewel
B. The gods are not to blame
C. A dance of the forests
D. Death and the kings horseman The correct answer is option [B]
The gods are not to blame is written by Ola Rotimi.

5
Which one of the following Nigerian writers wrote the novel, 'The Concubine'?

A. Chinua Achebe
B. Elechi Amadi
C. T. M. Aluko
D. Nnorom Azuonye
The correct answer is option [B]

6
_____, a notable Nigerian studied for a Ph.D. degree from the University of Michigan from 1987 through 1991 but was denied his degree.

A. Prof. Wole Soyinka
B. Philip Emeagwali
C. Chief Emeka Anyaoku
D. Chukwuemeka Odumegwu Ojukwu
The correct answer is option [B] Philip Emeagwali studied for a Ph.D. degree from the University of Michigan from 1987 through 1991. His thesis was not accepted by a committee of internal and external examiners and thus he was not awarded the degree. Emeagwali filed a court challenge, stating that the decision was a violation of his civil rights and that the university had discriminated against him in several ways because of his race. The court challenge was dismissed, as was an appeal to the Michigan state Court of Appeals.

7
Ladoke Akintola University of Technology Ogbomosho is a Federal University?

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A. True

B. False
The correct answer is option [B]

8
Covenant university of Nigeria was established in_____.

A. 2000
B. 2001
C. 2002
D. 2003
The correct answer is option [C]

9
The University of Lagos was renamed as 'Moshood Abiola University' by President Goodluck Jonathan on the _____; a decision he reversed afterwards.

A. 7th July, 2012
B. 18th June, 2012
C. 29th May, 2012
D. 23th April, 2012
The correct answer is option [C]

10
Bayero University is a State University.

A. True

B. False
The correct answer is option [B]

11
The book 'arrow of God' is written by_____.

A. Ola Rotimi
B. Wole Soyinka
C. Chinua Achebe
D. Elechi Amadi
The correct answer is option [C]

12
The novel "The Burning Grass" was written by _____.

A. Chinua Achebe

B. Wole Soyinka
C. Elechi Amadi
D. Cyprian Ekwensi
The correct answer is option [D]

13
The Association that champions the cause of Nigerian students is_____.

A. N.B.A.S.
B. N.A.N.S.
C. N.A.S.U.
D. L.A.S.U.
E. F.I.F.A.
The correct answer is option [B]
Neonatal Behavioral Assessment Scale -N.B.A.S. NATIONAL

ASSOCIATION OF NIGERIAN STUDENTS- N.A.N.S.

Non-Academic Staff Union- N.A.S.U Lagos State University-

L.A.S.U

Fédération Internationale de Football Association -F.I.F.A.

14
The first University in Nigeria is_____.

A. Obafemi Awolowo University (OAU)
B. University of Ibadan (UI)
C. University of Nigeria (UNN)
D. University of Lagos
E. Amadu Bello University of Zaria (ABU) The correct answer is option [B]

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1
CAAN stands for_____in the entertainment industry.

A. Committee of African American Nationals
B. Carribean African American Nations
C. Carribean Asian American Nations
D. Continents of African Asian Nationals
E. Conference of Arican American Nationals The correct answer is option [B]

2
During the Africa Magic Viewers Choice Awards held on

Saturday, March 9th 2013,_____was given the 'Best Culture. Actress' Award Drama (Movies/TV).

A. Jackie Appiah
B. Funke Akindele-Oloyede
C. Genevieve Nnaji
D. Mercy Johnson
The correct answer is option [A]

3
In March 2013, the white wedding between the Nigerian singer-songwriter Tuface Idibia and Annie Macaulay was scheduled to take place on____.

A. March 23th 2013
B. March 19th 2013
C. March 8th 2013
D. March 22th 2013
The correct answer is option [A]

4
_____, popularly known as the Village Headmaster, died on February 19th 2013, following a complication from diabetes.

A. Enebeli Elebuwa
B. Chief Justus Esiri
C. Sam Loco Efe
D. J. T. Tom West
The correct answer is option [B]

5
The Nigerian who emerged the winner of Channel O Dance African competition in 2007 was___.

A. Joke Silver
B. Halle Ihmordu
C. Lil Wayne
D. Oluwafemi Adeyinka
The correct answer is option [B]

6
During the Africa Magic Viewers Choice Awards held on Saturday, March 9th 2013,_____was given the 'Best Actor' Award Drama (Movies/TV).

A. Matthew Nabwiso
B. Hafiz Oyetoro
C. O.C Ukeje
D. Tim Greene
The correct answer is option [C]

7

_____was the 2nd World Black Festival of Arts and

A. FESTAC '77
B. FESTAC '87
C. FESTAC '79
D. FESTAC '88
E. FESTAC '78
The correct answer is option [A] ENTERTAINMENT

8
In January 2013,_____was made the Managing Director of Malete Film Village, in Kwara State.

A. Olu Jacobs
B. Joke Silva
C. Pete Edochie
D. Chiwetel Ejiofor
The correct answer is option [B]

9
During the Africa Magic Viewers Choice Awards held on March 9th 2013,_____received an Industry Merit Award for his outstanding achievements in the acting career.

A. Olu Jacobs
B. Pete Edochie
C. Chiwetel Ejiofor
D. Chiwetalu Agu
The correct answer is option [A]

10
In the Nigerian Entertainment Industry, AMAA is known as _____.

A. Africa Magic Academy Awards
B. Africa Movies Academy Awards
C. Africa Movies and Actors Awards
D. Africa Magic and Actors Awards The correct answer is option [B]

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11
The_____of the Africa Magic Viewers Choice Awards, held on Saturday, March 9, 2013 at the Eko Hotel and Suites, Lagos

A. second edition
B. fourth edition
C. third edition
D. first edition
The correct answer is option [D]

12
Amy Winehouse the musician passed away on
_____.

A. July 23, 2011

B. October 17, 2011
C. January 23, 2012
D. August 12, 2010
The correct answer is option [A] Amy Jade Winehouse (14 September 1983 – 23 July 2011) was an English singer and songwriter known for her deep contralto vocals and her eclectic mix of musical genres including R&B, soul and jazz. Winehouse died of alcohol poisoning on 23 July 2011. Her album Back to Black posthumously became the UK's best- selling album of the 21st century, at that point.

13
During the Africa Magic Viewers Choice Awards held on Saturday, March 9th 2013,_____was given the 'Best Actor' Award Comedy (Movies/TV).

A. Matthew Nabwiso
B. Hafiz Oyetoro
C. Ngendo Mukii
D. O.C Ukeje
The correct answer is option [B]

14
Donna Summer best known as "The Queen of Disco" with 1970's hits like, "No more tears" and "I Feel Love", died of cancer on___.

A. 2 November, 2011 B. 17 May, 2012
C. 10 October, 2010
D. 22 February, 2011

The correct answer is
option [B]

15
In March 2013, the wedding reception between the Nigerian singer-songwriter Tuface Idibia and Annie Macaulay was scheduled to hold at_____.

A. Dar Al Masyaf at Madinat Jumeirah
B. Jumeirah Beach Hotel
C. Royal Island Beach
D. Jebel Ali Hotel
The correct answer is option [C]

16
In March 2013,_____was the Public Relations Officer of the Performing Musicians Association of Nigeria Peace Initiative.

A. Orits Wiliki
B. Predy Wise
C. Dr. Tee Mac Iseli
D. King Faladey
The correct answer is option [A]

17
CNN is owned by_____.

A. Fundamental Broadcasting System
B. Oracle Broadcasting Network
C. Metro Goldwyn Meyer
D. Turner Broadcasting System The correct answer is option [D]

18
Malete Film Village in Kwara State is owned by the _____.

A. Kwara State Airport
B. Kwara State Polytechnic
C. Kwara State Government
D. Kwara State University
The correct answer is option [D]

19
In March 2013, the white wedding between the Nigerian singer-songwriter Tuface Idibia and Annie Macaulay would hold at_____.

A. Burj Al Arab
B. Royal Island Beach
C. Kiza Nite Club
D. Sefinah Ballroom of Jumeirah Beach Hotel The correct answer is option [D]

20

Popular Nigerian songstress _____ released her

critically-acclaimed debut album known as 'Wonder Woman' in 2009.
A. Halle Ihmordu
B. Kemi Adetiba
C. Omawumi Megbele

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D. Oreofe Ogunkanmi
The correct answer is option [C]

21
In March 2013, the white wedding between the Nigerian singer-songwriter Tuface Idibia and Annie Macaulay was scheduled to hold in_____.

A. Dubai
B. France
C. Italy
D. England
The correct answer is option [A]

22
In the entertainment industry of Nigeria, AMVCA is known as___.

A. African Movies Viewers Choice Awards
B. Africa Magic Viewers Choice Agency
C. Africa Magic Viewers Choice Awards
D. Africa Magic Viewers Calls Awards The correct answer is option [C]

23
In 2002, the Miss World Pageant was moved from Abuja, Nigeria to_____due to protests in the Northern part of the country.

A. Paris
B. London
C. Johannesburg
D. Los Angeles
The correct answer is option [B]

24
In 2011, Funke Akindele played a funny role in a blockbuster movie known as_____which made over N35m at the cinema.

A. Girls Cot
B. The Wisdom of Thomas
C. The Return of Jenifa
D. Ija Ola
The correct answer is option [C]

25
During the Africa Magic Viewers Choice Awards held on Saturday, March 9th 2013,_____was given the 'Best Actress' Award Comedy (Movies/TV).

A. Jackie Appiah
B. Funke Akindele-Oloyede
C. Mercy Johnson
D. Genevieve Nnaji
The correct answer is option [C]

26
_____is a Nollywood movie studio situated in Kwara State.

A. Silverbird Cinema
B. Africa Magic Viewers' Choice
C. Malete Film Village
D. Digital Satellite Television The correct answer is option [C]

27
The first television station in Africa was built in_____.

A. South Africa
B. Egypt
C. Nigeria
D. Tunisia
E. Morocco
The correct answer is option [C]

28
In the Nigerian entertainment, PMAN is known as _____.

A. Performing Musical Artistes of Nigeria
B. Presiding Musical Artiste of Nigeria
C. Performing Musical Agency of Nigeria
D. Performing Musicians Association of Nigeria The correct answer is option [D]

29
The first native Sub-Saharan African to be crowned Miss world, Miss Agbani Darego won the the title in _____.

A. November 2001
B. October 2004
C. September 2002
D. October 2003
The correct answer is option [A]

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1
_____ encompasses the ability to apply specialised knowledge or expertise.

A. Mental skills
B. Conceptual skills
C. Technical skills
D. Psychological skills
E. Analytical skills
The correct answer is option [C]

2
Nigeria joined the O.P.E.C. community in_____.

A. 1977
B. 1981
C. 1967
D. 1971
The correct answer is option [D]

3
The universal declaration of human rights provides_____.

A. a global understanding of how to treat individuals
B. common grounds for compromise amongst neighbouring countries
C. an all encompassing living condition for every individual
D. a global trustworthy approach of a nation's dealings with individuals
The correct answer is option [A]

3
The universal declaration of human rights provides_____.

A. a global understanding of how to treat individuals
B. common grounds for compromise amongst neighbouring countries
C. an all encompassing living condition for every individual
D. a global trustworthy approach of a nation's dealings with individuals
The correct answer is option [A]

4
The World Bank in the month of March 2013 barred _____ from doing any business with it or the projects funded by it for a period of six months.

A. Punj Lloyd Group
B. Lanco Infratech Limited
C. Larsen & Toubro
D. IVRCL Infrastructures & Projects Ltd The correct answer is option [C]

5
Which of the following is NOT an example of an intergovernmental organization (IGO)?

A. The World Trade Organisation.
B. Amnesty International.
C. The United Nations.
D. NATO.
The correct answer is option [A]

6
In September 2012,_____was the Governor of Akwa Ibom State.

A. Peter Obi
B. Godswill Akpabio
C. Sullivan Chime
D. Liyel Imoke
The correct answer is option [B]

7
Heathrow Airport is a_____based airport.

A. London
B. Paris
C. Germany
D. China
The correct answer is option [A]

8
The full meaning of the acronym KLM Airline, is Koninklijke Luchtvaart Maatschappij, also known as_____.

A. Lufthansa German Airlines
B. Pan African Airlines
C. Kenya Airways
D. Royal Dutch Airlines
The correct answer is option [D]

9
One of the two Japanese cities in which the United States conducted atomic bombings during the final stages of World War II was .

A. Kyoto
B. Niigata
C. Nagasaki
D. Yokohama
E. Kokura
The correct answer is option [C]

10

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In_____, the name 'Nigeria' was given by Lady Lord Lugard (Mrs. Flora Shaw).

A. 1898
B. 1765
C. 1432
D. 1777
The correct answer is option [A]

11
_____was widely regarded as the presumed winner of the inconclusive presidential election in Nigeria in 1993.

A. Ernest Adegunle Oladeinde Shonekan
B. Chief. Moshood Kashimawo Olawale Abiola
C. General Sani Abacha
D. Dr. Alex Ifeanyichukwu Ekweme
E. General Ibrahim Badamasi Babangida The correct answer is option [B]

12
Which of the following is included in the list of UNESCO World Heritage Centres in Nigeria?

A. Okemogun festival in Ondo.
B. Yam festival in Onitsha.
C. Osun festival of Osogbo.
D. Adamuorisa in Lagos.
E. Egungun festival in Osogbo. The correct answer is option [C]

13
In March 2013, the Presidency declared that _____ earned Diepreye Alamieyeseigha the state pardon.

A. the illegal impeachment of the former Governor of Bayelsa Sate by Obasanjo and Ribadu
B. the current effort by anti-corruption agencies to tackle

high calibre corrupt individuals in the country suspended by
C. the stabilising role the former Governor of Bayelsa State, played to ensure that oil in the Niger Delta was not cut off
D. the official kidnapping of Governor Chris Ngige, then a sitting governor of Anambra state
The correct answer is option [C]

14
The record of the second most decorated Olympian of all time in September, 2012 was_____.

A. Carl Lewis
B. Usain Bolt
C. Larisa Latynina
D. Michael Fred Phelps
The correct answer is option [C] SPORTS

15
Dutse is the capital of_____.

A. Yobe
B. Jigawa
C. Nasarawa
D. Zamfara
E. None of the above
The correct answer is option [B]

16
The hydro-electric power station in Niger River is located in _____.

A. Suleja
B. Onitsha
C. Kainji
D. Warri
E. Port Harcourt
The correct answer is option [C]

17
The first Nigerian female to become an Army Major General was_____.

A. Aderonke Kale
B. Josephine Okwuekeleke Tolefe
C. Blessing Liman
D. Itinu Hotonu
The correct answer is option [A]

18

_____had its operating license temporarily

the Nigerian government after its MD-83 aircraft crash in June 2012.

A. Sosoliso Airline
B. Dana Air
C. Bellview Airline
D. ADC Airline
The correct answer is option [B]

19

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In 2013, where was the British World War II fighter plan found?

A. bermuda triangle
B. North Korea
C. Egypt desert
D. Sahara desert
The correct answer is option [C]

1
_____is a gradual increase in the overall temperature of the earth's atmosphere generally attributed to the greenhouse effect.

A. Climate change
B. Atmospheric acidification
C. Global warming

D. Atmospheric pressure does,
E. Globalization
The correct answer is option [C]

2
_____is not a voluntary organisation in Nigeria.

A. Red Cross Society
B. Man O' War
C. Boys' Brigade
D. Girls' Guide
E. Royal Youths Academy
The correct answer is option [E]

3
The main petroleum producing countries in Africa are_____.

A. Nigeria and Togo
B. Nigeria and Libya
C. Zaire and Algeria
D. Tunisia and South Africa

E. None of the above
anemometer. The correct answer is option [B]

4
Chief Abdul-Ganiyu "Gani" Oyesola Fawehinmi, human and civil rights lawyer, politician and a Senior Advocate of Nigeria (SAN) died on the_____, aged 71.

A. 5th of September, 2009

B. 13th of July, 2008 technology
C. 8th of August, 2010 manufacturing.

D. 30th of May, 2007
The correct answer is option [A]

5
_____is the first female Chief Justice of Nigeria.

A. Justice Murtala Nyako
B. Justice Mary Odili
C. Justice Aloma Mariam Mukhtar
D. Justice Rose Mary Ukije
E. Justice (Chief.) Folake Solanke The correct answer is option [C]

6

_____is a written statement of what a job holder

how he does it, and why it is done.

A. Job history
B. ob specification
C. Job description
D. Job design
E. Job prescription
The correct answer is option [C]

7
The Nigerian motto is_____.

A. Unity and Faith
B. Unity and Faith, Peace and Progress
C. Justice and Progress
D. Unity and Order
E. None of the above
The correct answer is option [B]

8

_____invented the first mechanical

A. Richard G. Drew
B. Leon Battista Alberti
C. Erik Rotheim
D. Dr. Virginia Apgar
The correct answer is option [B]

9

_____is the development of local skills,

transfer, and use of local manpower and

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A. Local content
B. Local industrialisation
C. Domestic empowerment
D. Nationalization
E. Indigenization
The correct answer is option [A]

10
Who among these educators created the first recorded kindergarten?

A. Elizabeth Peabody
B. Fredrick Froebel
C. Maria Montessori
D. Willams Torney Harris
The correct answer is option [B]

11
Nigeria's first remote sensing satellite, NigeriaSat-1, was launched from___.

A. Plesetsk, Russia
B. Woomera, Australia
C. Uchinoura, Japan
D. Sohae, North Korea
E. Kourou, France
The correct answer is option [A]

12
_____describes the roping off of certain types of business activities for reservation for exclusive ownership and control by Nigerians.

A. Privatisation
B. Indigenisation
C. Nationalisation
D. Naturalisation
E. Liberalism
The correct answer is option [B]

13
The largest Ocean in the world is_____.

A. Indian Ocean
B. Atlantic Ocean
C. Pacific Ocean
D. Artic Ocean
E. None of the above
The correct answer is option [C]

14
The highest coffee producer in the world is _____.

A. Ivory Coast
B. Nigeria
C. Ghana
D. Gambia
E. Mali
The correct answer is option [A]

15
The layer of the atmosphere that protects the earth's surface from direct lethal effects of solar energy is called the .

A. sky layer
B. blanket layer
C. ozone layer
D. ozione layer
E. ozonet layer
The correct answer is option [C]

16
The first Nigerian to win the reputed peace prize for Literature is_____.

A. Prof. Wole Soyinka
B. Prof. Michael Echeru
C. Prof. Jubril Aminu
D. Prof. Frank Ndidi
E. Prof. Babatunde Fafunwa The correct answer is option [A]

17
_____ is an ideology or movement that boosts the solidarity of all people of African descent.

A. Afrocentrism
B. Pan Africanism
C. Black nationalism
D. African socialism
E. Liberalism
The correct answer is option [B]

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18
The father of the Yorubas is_____.

A. Ile Ife
B. Awolowo
C. Oduduwa
D. Alafin
E. Kosoko
The correct answer is option [C]

19
The Greenwich Meridian passes through_____in West Africa.

A. Lagos
B. Abidjan
C. Lome
D. Freetown
E. Cotonou
The correct answer is option [C]

20
The chargers (horses) in the Nigerian coat of arms symbolise_____.

A. strength and power
B. progress and peace
C. dignity and pride
D. unity and faith
The correct answer is option [C]

21
The shape of the earth is best described as a/an_____.

A. perfect sphere

B. ellipsoid
C. oblate ellipsoid
D. spherical ellipsoid
E. spheroid ellipsoid
The correct answer is option [D]

22
Malaysia, Bolivia and Nigeria are noted for the production of___.

A. Coal
B. Natural gas
C. Petroleum
D. Tin
E. None of the above
The correct answer is option [D]

23
The world's tallest building is_____.

A. Tapei 101, Taiwan
B. Empire State building, U.S.A.
C. International Commerce Center, Hong Kong
D. The Burj Khalifa, Dubai
The correct answer is option [D] The world's tallest man- made structure is the 829.8 m (2,722 ft) tall Burj Khalifa in Dubai, United Arab Emirates. The building gained the official title of "Tallest Building in the World" at its opening on January 4, 2010. The Council on Tall Buildings and Urban Habitat, an organization that certifies buildings as the "World's Tallest", recognizes a building only if at least fifty percent of its height is made up of floor plates containing habitable floor area. Structures that do not meet this criterion, such as the CN Tower, are defined as "towers".

24
Which of the following types of flower makes up the wreath as represented on the Nigerian coat of arms?

A. Mammillaria Dioica
B. Fagraea berteriana
C. Galium cliftonsmithii
D. Coctus Spectabilis
The correct answer is option [D]

25
Who was the inventor of the Nintendo Game Boy?

A. William Higinbotham
B. Ralph H. Baer
C. Nolan Bushnell
D. Gunpei Yokoi
E. Fusajiro Yamauchi
The correct answer is option [D] Gunpei Yokoi was the creator of the Game Boy and Virtual Boy and worked on Famicom (and NES), the Metroid series, Game Boy Pocket and did extensive work on the system we know today as the Nintendo Entertainment System.

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26
_____ is the first Pan African communication satellite launched on the 21st of December, 2007.

A. Africasat 1
B. NigComSat 1
C. RASCOM-QAF1
D. SUNSAT
E. PanSat 1
The correct answer is option [C]

27
Reasons given by the perpetrators for the kidnap of the Nigerian Finance Minister's mother on the 9th December 2012 was the Minister's refusal to___.

A. allow the emancipation of the Niger Delta
B. resign from office
C. approve 2013 economic budget
D. pay oil subsidy money
The correct answer is option [D]

28
The dead sea is the most saline lake in the world because
_____.

A. it is surrounded by saline rocks
B. sea water seeps into it
C. no river flows out of it
D. it is located in the desert
E. All of the above
The correct answer is option [C]

29
Laws and rules are passed by the_____in Nigeria.

A. Armed Forces
B. Native Courts
C. Magistrate Court
D. Nigerian Law makers
E. House of Parliament
The correct answer is option [E]

30
Which of these is odd?

A. Score
B. Great gross
C. Dozen
D. Binary
E. Gross
The correct answer is option [D]

31
Which of these is NOT one of the Rs for waste minimization?

A. Reduce
B. Remove
C. Recycle
D. Reuse
The correct answer is option [B]

32
The first or main oil refinery in Nigeria is in_____.

A. Kaduna
B. Port Harcourt
C. Aba
D. Abuja
E. Ibadan
The correct answer is option [B]

33
Which one of the following authors and poets of African literature is not of Nigerian origin?

A. Adelaide Fassinou
B. Helon Habila
C. John Pepper Clark
D. Ben Okri
The correct answer is option [A]

34
The richest gold mines in the world are in_____.

A. Gambia
B. Nigeria
C. South Africa
D. Zaire
E. Brazil
The correct answer is option [C]

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35
The World Water Day is .

A. 22nd March
B. 21st February
C. 20th May
D. 18th August
E. 7th October
The correct answer is option [A]

36
_____occurs when the moon passes between the sun and the earth, fully or partially blocking the sun.

A. Lunar eclipse
B. Solar eclipse
C. Hybrid eclipse
D. Penumbral eclipse
E. Annular eclipse
The correct answer is option [B]

37
_____ is an astronomical event that occurs when one object in the sky moves into the shadow of another.

A. A solstice
B. An eclipse
C. An equinox
D. An appulse
E. A conjunction
The correct answer is option [B]

38
A dozen is equal to 12 as a_____is equal to 144.

A. score
B. a baker's century
C. gross
D. a baker's dozen
E. a great gross
The correct answer is option [C]

39
The Occupy Nigeria protest movement that took place across the country, began in Nigeria on Monday 2nd January 2012 and was mainly triggered off by_____.

A. the christmas day car bombings in the northern parts of the country in 2011
B. the poor state of the nation's education system
C. fuel subsidy removal as announced by the Federal Government
D. non-implementation of the ₦18,000 minimum wage as agreed by the FG
The correct answer is option [C]

40
The highest mountain in Africa is_____.

A. Mount Everest
B. Mount Kilmanjaro
C. Mount Sinai
D. Mount Olivet
E. None of the above
The correct answer is option [B]

41
The_____allows access by the general public to data held by national governments.

A. National Data Assessment policy
B. Freedom of Information law
C. Data Communication law
D. Liberalisation policy
E. Data Transparency and Communication law The correct answer is option [B]

42
Petroleum is to Nigeria as_____is to South Africa.

A. Coal
B. Tin
C. Silver
D. Gold
E. Petrol
The correct answer is option [D]

43
_____ marked a major turning point in history in which there was a rapid transition from hand production to new manufacturing processes.

A. Scientific revolution
B. Industrial revolution
C. Industrialism
D. Modernization

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E. Mechanical reformism
The correct answer is option [B]

44
The recent trend towards stronger economic, political and cultural ties among nations of the world is called_____.

A. Liberalization
B. Regionalisation
C. Globalisation
D. International Cooperation
E. Universalism
The correct answer is option [C]

45
Halley's Comet is visible from the earth every_____.

A. 86 - 88 years
B. 75 - 76 years
C. 63 - 64 years
D. 47 - 48 years
The correct answer is option [B]

46
All of the following except_____is not a way in which a citizen of another country can become a Nigerian.

A. Parentage
B. Registration
C. Immigration
D. Naturalization
The correct answer is option [C]

47
The National Arts Theatre, Iganmu, Lagos State was built during the military regime of_____.

A. General Mohammad Buhari
B. General Olusegun Obasanjo
C. General Ibrahim Babangida
D. Alhaji Shehu Shagari
The correct answer is option [B]

48
There are_____continents in the world.

A. 5
B. 6
C. 7
D. 8
E. None of the above
The correct answer is option [C]
The continents are; Africa, Antartica, Asia, Austra/Asia, Europe, North America and South America

49
The tank truck that exploded in Okobie Rivers State, about 11 km from Ahoada-Mbiama, in Ahoada West LGA, took place on the_____.

A. 9th of May, 2012
B. 25th of May, 2012
C. 12th of July, 2012
D. 7th of March, 2012
The correct answer is option [C]

50
The higest mountain in the world is_____.

A. Mount Everest
B. Mount Kilimanjaro
C. Mount Sinai
D. Mount Kukuruku
E. Mount Olivet
The correct answer is option [A]

51
_____is a hierarchy based on a ranking of an individual's values in terms of their intensity.

A. Value chain
B. Value index
C. Value system
D. Value tiers
E. Value potential
The correct answer is option [C]

52
Decrees and Edicts are issued by the_____in Nigeria.

A. Armed Forces
B. Senate
C. House of Parliament
D. Top civil servants
E. Magistrate Court

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The correct answer is option [B]

53
Which of the following is included in the list of UNESCO World Heritage Centres in Nigeria?

A. Okemogun festival in Ondo.
B. Yam festival in Onitsha.
C. Osun festival of Osogbo.
D. Adamuorisa in Lagos.
E. Egungun festival in Osogbo. The correct answer is option [C]

54
The organisation set up by the Federal Government to solve the problem of unemployment is known as
_____.

A. DFRRI
B. MAMSER
C. NEC
D. NDE
E. NNPC
The correct answer is option [D]

DFRRI - Directorate for Food, Road and Rural

Infrastructure NEC - National Electoral Commission

NDE - National Directorate for Employment- The National Directorate of Employment (NDE) was established by the National Directorate of Employment Act1989. Its main objective is to design and implement programmes to combat mass unemployment.

NNPC - Nigerian National Petroleum Corporation

55
The King James Version of the Holy Bible was_____years old on 2nd of May, 2011.

A. 502
B. 450
C. 400
D. 466
E. 380
The correct answer is option [C]

56
In July 2012, Nigeria fined Shell $5bn over an oil spill which took place the previous year at an offshore field, known as
_____.

A. Agbami oilfield
B. Oloibiri oilfield
C. Bonga oilfield
D. Okoro oilfield
The correct answer is option [C]

57
_____is the belief in the superiority of one's own ethnic group.

A. Ethnocentrism
B. Paternalism
C. Tribalism
D. Cultural Imperialism
E. Trado Supremacism
The correct answer is option [A]

58
The expression "Africans in the Diaspora" refers to
_____.

A. Black Americans
B. African-Americans
C. Black Africans
D. Africans in the different countries of the world The correct answer is option [D]

59
World War II, the deadliest war in history began in the year
_____.

A. 1949
B. 1939
C. 1948
D. 1945
The correct answer is option [B]

60
_____ is a Nigerian agency established to rid Nigeria of corruption through lawful enforcement and preventive measures.

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A. UNCAC
B. ICPC
C. FECC
D. NPF
E. NDLEA
The correct answer is option [B]

61
Joseph N. Niepe discovered photography.

A. True
B. False
The correct answer is option [A]

62
In March 2013, the former governor of Abia State _____ had his university degree withdrawn by the Abia State University, ABSU.

A. Chief Orji Uzor Kalu
B. Chief Theodore Orji
C. Ogbonnaya Onu
D. Mascot Uzor Kalu
The correct answer is option [A]

63
By the evolution of man,_____is recorded as the earliest known species in the human lineage.

A. homo erectus
B. homo sapien
C. homo habilis
D. homo ergaster
E. homo georgicus
The correct answer is option [C]

64
Where is the tallest building in the world?

A. Doha
B. Dubai
C. New York
D. France
E. Singapore
The correct answer is option [B]

65
Who invented Aspirin?

A. Dr. Baruch Blumbe
B. Dr. Stanley Cohen
C. Dr. Felix Hoffman, Germany
D. Dr. Herbert Boyer
E. Honkey Kong
The correct answer is option [C] Aspirin discovery was actually the result of the work of several aspirin inventors. In 1897, a German chemist Felix Hoffmann with Friedrich Bayer and Company was searching for a treatment for his father's arthritis pain and produced the first stable form of a product introduced as Aspirin.

66
What does the black shield represent on the Nigerian coat of arms?

A. Fertile soil
B. Tribute to african heritage
C. Peace and Progress
D. Sovereignty of Nigeria
The correct answer is option [A]

67
The longest river in the world is_____.

A. River Nile
B. River Mississipi
C. River Congo
D. River Zambezi
E. River Niger
The correct answer is option [B]

68
Nigeria produces locally the major raw materials for the manufacture of all but one of these home-made goods.

A. cement
B. aluminium products
C. bar soap
D. refined petroleum products
E. refined sugar
The correct answer is option [B]

69
How many legs does a butterfly have?

A. 12
B. 8
C. 6

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D. 4
E. 2
The correct answer is option [C]

70
The largest Dam in Nigeria is_____.

A. Kainji Dam
B. Volta Dam
C. Udi Dam
D. Katsina Dam
E. None of the above
The correct answer is option [A]

71
The largest continent in the world is_____.

A. Africa
B. Asia
C. Europe
D. North America
E. South America
The correct answer is option [B]

72
How many miners trapped in a Chilean mine were rescued in 2010?

A. 40
B. 30
C. 45
D. 28
E. 33
The correct answer is option [E]

73
Wheat has gained importance in Nigeria's agriculture as a result of_____.

A. increased use of fertilizers
B. gradual change in climate
C. increased purchasing power of the citizens
D. introduction of large scale irrigation
E. None of the above
The correct answer is option [D]

74
_____is a confluence town in Nigeria.

A. Port Harcourt
B. Lagos
C. Calabar
D. Benin City
E. Lokoja
The correct answer is option [E]

75
The custom of having more than one husband at the same time is known as_____.

A. Polyandry
B. Bigamy
C. Polygamy
D. Polybandry
E. Polynomial
The correct answer is option [A]

76
All of these are colours of the rainbow, except_____.

A. blue
B. indigo
C. violet
D. ruby
E. orange
The correct answer is option [D]

77
Who invented the Micro Wave?

A. Ralph Teetor
B. Walter Hunt
C. Lonnie Johnson
D. Percy Spencer
E. Robert Hall
The correct answer is option [D]

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Invention story:

Shortly after the end of World War II, Percy Spencer, already known as an electronics genius and war hero, was touring one of his laboratories at the Raytheon Company. He stopped momentarily in front of a magnetron, the power tube that drives a radar set. Feeling a sudden and strange sensation, Spencer noticed that the chocolate bar in his pocket had begun to melt.

Spencer, who obtained 120 patents in his lifetime, knew how to apply his curiosity. So he did what any good inventor would; he went for some popcorn. Spencer didn't feel like a snack, he asked for unpopped popcorn. Holding the bag of corn next to the magnetron, Spencer watched as the kernels exploded into puffy white morsels.

From this simple experiment, Spencer and Raytheon developed the microwave oven. The first microwave oven weighed a hefty 750 pounds and stood five feet, six inches. At first, it was used exclusively in restaurants, railroad cars and ocean liners; places where large quantities of food had to be cooked quickly.

78
Which of the following is NOT an example of intergovernmental Organization (IGO)?

A. The World Trade Organisation
B. Amnesty International
C. The United Nations
D. NATO
E. OPEC
The correct answer is option [B]

79
_____is the busiest sea port in Nigeria.

A. Calabar
B. Warri
C. Lagos
D. Port Harcourt
E. Bonny
The correct answer is option [C]

80
All of these are designated terrorist groups, except .

A. Al Qaida
B. Boko Haram
C. MOSSOB
D. Ansar al-dine
E. Hisbola
The correct answer is option [C]

81
The hottest desert in the world is_____.

A. Amazon Desert
B. Kalahari Desert
C. Har Desert
D. Ahagger Desert
E. Sahara Desert
The correct answer is option [E]

82
In 2008, one of the following persons rejected one of Nigeria's highest national honours - Order of the Federal Republic (OFR) - in protest of the many years of misrule since Nigeria's independence.

A. Dr. Tunji Braithwaite
B. Femi Falana
C. Chief Gani Fawehinmi
D. Bola Tinubu
The correct answer is option [C]

83
Which one of the following ethnic groups does not belong to the northern part of Nigeria?

A. Nupe
B. Annang
C. Tiv
D. Kanuri
The correct answer is option [B] The Annang ethnic group inhabit the Nigerian province of Calabar situated to the south of the Cross River, in the region of tropical forest.

83
Which one of the following ethnic groups does not belong to the northern part of Nigeria?

A. Nupe
B. Annang
C. Tiv
D. Kanuri
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84
_____are important groups to which individuals belong or hope to belong, that are used as a standard for evaluating themselves, and with whose norms individuals are likely to conform.

A. Reference groups
B. Pressure groups
C. Peer groups
D. Status groups
E. Tie groups
The correct answer is option [A]

85
Which of the following towns in Nigeria is noted for the production of glass beads as a traditional craft?

A. Akwette
B. Keffi
C. Sokoto
D. Oshogbo in Osun State
E. Bida in Niger State
The correct answer is option [E]

86
The world leading producer of Cocoa is_____.

A. Ecuador
B. Ghana
C. Brazil
D. Nigeria
E. None of the above

The correct answer is option [B]

87
Which of these is NOT a substantive human right?

A. Right to life.
B. Right to equality.
C. Freedom of conscience.
D. Freedom of interference.
E. Right to education.
The correct answer is option [D]

88
_____ is an acronym for the International Federation of Women Lawyers.

A. WODIA
B. FIDA
C. LEAD
D. AWLA
E. IFWL
The correct answer is option [B]

89
The first black (Nigerian) Mayor of the South London Borough of Wandsworth was_____.

A. Lola Ayorinde
B. Bolanle Awe
C. Rebecca Ikpe
D. Funmilayo Ransome Kuti The correct answer is option [A]

90
In March 2013, the Lagos State Commandant of the Nigerian Security and Civil Defence Corps was_____.

A. Charles Inojie
B. Nadia Buari
C. Odosa Usiobaifo
D. Obafaiye Shem
The correct answer is option [D]

91

_____was the first man to walk on the moon.

A. William B. Bridgeman
B. Neil Armstrong
C. Albert S. Crossfield
D. Joseph A. Walker
The correct answer is option [B]

92
The measure of human weight for a given height is known as _____.

A. Body Mass Index
B. Body Measurement Index
C. Bone Mass Index
D. Bone Mass Indices

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E. Body Mass Indices
The correct answer is option [A]

93
Onitsha in Anambra State came into being because of the presence of_____.

A. River Benue
B. River Ogun
C. Nile River
D. River Niger
E. Volta River
The correct answer is option [D]

94
When was the last Halley comet?

A. 1978
B. 1986
C. 1964
D. 1952
The correct answer is option [B]

95
The management term used for describing stealing of goods displayed in a shop is_____.

A. theft
B. pilfering
C. shoplifting
D. shopstealing
E. shopdodging
The correct answer is option [C]

96
The Chief Justice of Nigeria in September 2012, was _____.

A. Justice Alfa Belgore
B. Justice Muhammed Uwais
C. Justice Mariam Aloma Murkhtar
D. Justice Bola' Abdulahi

The correct answer is option [C]

97
Which of the following gases is the most abundant and dominant greenhouse gas in the atmosphere?

A. Carbon dioxide (CO2)
B. Hydrofluorocarbons (HFCs)
C. Nitrous oxide (N2O)
D. Water vapour (H2O)
The correct answer is option [D]

98
River Benue is a tributary of River_____.

A. Imo
B. Ogun
C. Sokoto
D. Congo
E. Niger
The correct answer is option [E]

99
Which of these is wrong?

A. A tube of glue.
B. A ball of string.
C. A pack of dogs.
D. A lump of cotton.
E. A string of pearls.
The correct answer is option [D]

100
The first people to visit the moon are_____.

A. Americans
B. Russians
C. French
D. Indians
E. None of the above
The correct answer is option [A]

101
Which of the following is NOT an example of an intergovernmental organization (IGO)?

A. The World Trade Organisation.
B. Amnesty International.
C. The United Nations.
D. NATO.
The correct answer is option [A]

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102
Petroleum is the most widely used source of power because it_____.

A. is relatively cheap to mine
B. is easily transported
C. yields many types of fuel
D. burns easily
E. All of the above
The correct answer is option [C]

102
Petroleum is the most widely used source of power because it_____.

A. is relatively cheap to mine
B. is easily transported
C. yields many types of fuel
D. burns easily
E. All of the above
The correct answer is option [C]

103
The baby boomers' generation were born between_____.

A. 1950 – 1968
B. 1946 – 1964
C. 1942 – 1960
D. 1840 – 1860
E. 1930 – 1948
The correct answer is option [B]

104
Nigeria's first remote sensing satellite, Nigeria-SAT1, was launched on___.

A. 13th May, 2007
B. 17th August, 2011
C. 27th September, 2003
D. 27th May, 2005
E. 6th November, 2006
The correct answer is option [C]

105
The longest river in West Africa is_
_____
.

A. River Niger
B. River Benue
C. River Volta
D. River Nile
E. River Ogun
The correct answer is option [A]

106
The hydro-electric power station in Niger River is located in_ _____.

A. Suleja
B. Onitsha
C. Kainji
D. Warri
E. Port Harcourt
The correct answer is option [C]

107
_____ encompasses the ability to apply specialised knowledge or expertise.

A. Mental skills
B. Conceptual skills
C. Technical skills
D. Psychological skills
E. Analytical skills
The correct answer is option [C]

108
Groundnut, cotton, hides and skin are associated with _____.

A. Southern Nigeria
B. Eastern Nigeria
C. Western Nigeria
D. Northern Nigeria
E. None of the above
The correct answer is option [D]

109
Which of the following contributes the least to the Nigerian economy?

A. Agriculture
B. Animal rearing
C. Manufacturing
D. Mining

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E. Tourism
The correct answer is option [E]

110
The national motto of Nigeria is_____.

A. "Hope and Faith, Prosperity and Progress"
B. "Unity and Progress, Faith and Peace"
C. "Unity and Faith, Joy and Progress"
D. "Unity and Faith, Peace and Progress" The correct answer is option [D]

111
The title of the traditional ruler of Ibadan is_____.

A. the Alafin of Ibadan
B. the Oba of Ibadan
C. the Olubadan of Ibadan
D. the Alara of Ibadan
E. None of the above
The correct answer is option [C]

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1
General Sani Abacha, a past military ruler of Nigeria died on_____.

A. May 2, 1996
B. August 15, 1997
C. Februaury 30, 2000
D. June 8, 1998
The correct answer is option [D]

2
The Presidential system of government ceased to exist on the 31st of November 1983.

A. True

B. False
The correct answer is option [B]
It ceased to exist on the 31st of December 1983

3
In_____, Major Chuwkuemeka Nzeogu led a military coup against the Nigerian First Republic.

A. January 15, 1966
B. March 7, 1965
C. August 23, 1964
D. November 9, 1967
The correct answer is option [A]

4
Nigeria experienced military rule for_____years.

A. 27
B. 14
C. 15
D. 28
E. 29
The correct answer is option [E]
Military rule started 15th Jan. 1966 to 1st Oct. 1976 (13 years, 9 months) &
1st Jan. 1984 to 29th May (15 years, 4 months).

5
One of the following was the last colonial governor of Nigeria;

A. James Robertson
B. Lord Frederick Lugard
C. Sir John McPherson
D. Governor Egerton
The correct answer is option [A]

6
The Nigerian Civil War started on the 26th of June 1967.

A. True

B. False
The correct answer is option [B]
The civil war started on the 6th of July 1967 and ended 12th of Jan. 1970

7
In September 2012, 'Ibrahim Shehu Shema' was to Katsina State as 'Martin Elechi' was to_____State.

A. Enugu
B. Imo
C. Anambra
D. Ebonyi
The correct answer is option [D]

8
Dr. Nnamdi Azikiwe was the first Prime Minister of Nigeria.

A. True

B. False
The correct answer is option [B]
Dr.Nnamdi Azikiwe was the first President of Nigeria in the year 1963 when Nigeria became a Republic.

9
One of the following women was the second wife of MKO Abiola. She was assassinated on June 4, 1996 due to her courageous campaign for democracy and the release of her husband.

A. Salawa Abiola
B. Moremi Abiola
C. Kudirat Abiola
D. Simbiat Abiola
The correct answer is option [C]

10
The Structural Adjustment Programme (S.A.P.) that was launched by the then Military Government of General Ibrahim Babangida was launched in_____.

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A. 1987
B. 1985
C. 1984
D. 1986
The correct answer is option [D]

11
In September 2012, 'Rauf Aregbesola' was the Governor of _____.

A. Osun State
B. Oyo State
C. Ondo State
D. Ogun State
The correct answer is option [A]

12
Olusegun Obasanjo was sworn in as a re-elected president of Nigeria on__.

A. 27th May 2003
B. 29th May 2003
C. 20th May 2002
D. 28th May 2002
E. None of the above
The correct answer is option [B]

13
The interim Government that was set up between 26 Aug, 1993 - 17 Nov, 1993 by General Ibrahim Babangida was headed by____.

A. Chief Emeka Anyaoku
B. Chief Ernest Shonekan
C. Chief Olu Falae
D. Chief Moshood Olawale Abiola The correct answer is option [B]

14
In September 2012,_____was the Governor of Taraba State.

A. Aliyu Wamakko
B. Ibrahim Shehu Shema
C. Danbaba Suntai
D. Patrick Ibrahim Yakowa
The correct answer is option [C] NIGERIA'S POLITICAL HISTORY

15
Chukwuemeka Odumegwu Ojukwu, former Biafran leader died at the age of 78 on the_____.

A. 17th of January, 2012
B. 30th of August, 2011
C. 2th of March, 2011
D. 26th of November, 2011
The correct answer is option [D]

16
The first military president in Nigeria is_____.

A. General Olesegun Aremu Obasanjo
B. General Muhammadu Buhari
C. General Ibrahim Badamosi Babangida
D. General Yakubu Gowon
The correct answer is option [C]

17
Ibrahim Hassan Dankwambo, in September 2012, was the Governor of_____.

A. Jigawa State
B. Nassarawa State
C. Gombe State
D. Zamfara State
The correct answer is option [C]

18
The first Nigerian first lady to die in office, Mrs. Stella Obasanjo died on_____.

A. October 23, 2005 B. May 16, 2006
C. August 30, 2007
D. September 9, 2004
The correct answer is option [A]

19
The Nigerian author and environmental activist, Kenule "Ken" Beeson Saro Wiwa was hanged by the Abacha military regime on the_____.

A. 15th of October, 1997
B. 10th of November, 1995
C. 28th of July, 1993
D. 9th of September, 1999
The correct answer is option [B]

20
Comrade Olaitan Oyerinde a popular labour activist and principal secretary to the Governor of Edo State Adams Oshiomhole was shot and killed by unknown gunmen on _____.

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A. 4th May, 2012
B. 4th October, 2011
C. 4th June, 2012
D. 4th August, 2011
E. 4th May, 2011
The correct answer is option [A]

21
Sullivan Chime, in September 2012, was the Governor of
_____.

A. Ebonyi State
B. Enugu State
C. Imo State
D. Anambra State
The correct answer is option [B]

22
The purpoted winner of the 1993 Presidential elections,
M.K.O. Abiola was arrested and detained on_____.

A. June 23, 1993
B. June 12, 1994
C. June 23, 1994
D. June 12, 1993
The correct answer is option [C]

23
The first female political activist in Nigeria is_____.

A. Mrs Margraet Ekpo
B. Dr. Doyin Abiola
C. Mrs Bisi Ugowe
D. Mrs Stella Obasanjo.
The correct answer is option [A]

24
The first executive President of Nigeria is_____.

A. Alhaji Shehu Shagari
B. General Olusegun Aremu Obasanjo
C. President Goodluck Ebele Jonathan
D. Umaru Musa Yar'Adua
The correct answer is option [A]

25
Herbert Macauley established the first political party in Nigeria (NNPP) in the year_____.

A. 1876
B. 1893
C. 1922
D. 1709
The correct answer is option [C]

26
On the_____, M.K.O. Abiola died in detention.

A. 12th of August, 1999
B. 11th of September, 1998
C. 23rd of December, 1997
D. 7th of July, 1998
The correct answer is option [D]

27
Which one of the following persons was a colonial master of Nigeria that ruled from 1900 - 1919?

A. Sir Hugh Clifford
B. Rt. Hon. Alan Lennox-Boyd
C. Sir Frederick Lord Lugard
D. Sir Arthur Richards
The correct answer is option [C]

28
Which one of the following persons was a colonial master of Nigeria that ruled from 1948 - 1958?

A. Sir Donald Cameroon
B. Sir Bernard Bourdilion
C. Sir Hugh Clifford
D. Sir John McPherson
The correct answer is option [D]

29
The first democratic party in Nigeria was_____.

A. National Republican Convention (NRC)
B. United Nigerian Peoples Party (UNPP)
C. Action Group (AG)
D. Nigerian Democratic Party (NDP)
E. National Party of Nigeria (NPN) The correct answer is option [D]

30
Dele Giwa was a Nigerian journalist, editor and founder of Newswatch magazine, who was killed by a mail bomb in his home on_____.

A. 8 December, 1983
B. 19 October, 1986
C. 30 February, 1987
D. 2 January, 1982
The correct answer is option [B]

31

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Which one of the following persons was a colonial master of Nigeria that ruled from 1958 - 1960?

A. Sir Donald Cameroon
B. Sir Anthony Richard
C. Sir James Robertson
D. Sir Frederick Lord Lugard The correct answer is option [C]

32
General Abdulsalami Abubakar was a Military Head of State.

A. True

B. False
The correct answer is option [A]

33
In September 2012, which of the following States had 'Isiaka Abiola Ajimobi' as the Governor?

A. Oyo State
B. Lagos State
C. Osun State
D. Ondo State
The correct answer is option [A]

34
Sir John McPherson ruled Nigeria from_____to____.

A. 1948 - 1958
B. 1943 - 1948
C. 1958 - 1960
D. 1925 - 1931
E. 1946 - 1959
The correct answer is option [A]

35
In September 2012, 'Gabriel Suswam' was to Benue State as 'Kashim Shettima' was to_____State.

A. Kogi
B. Kwara
C. Borno
D. Kebbi
The correct answer is option [C]

36
The Governor of Sokoto State, in September 2012, was
_____.

A. Sule Lamido
B. Umaru Tanko Al-Makura
C. Jonah Jang
D. Aliyu Wamakko
The correct answer is option [D]

37
Who was the first elected president of Nigeria to exercise full executive powers, after the handover of power by General Olusegun Obasanjo's Government?

A. Alhaji Shehu Shagari
B. Sir A. Tafawa Balewa
C. General Yakubu Gowon
D. Dr. Nnamdi Azikiwe
The correct answer is option [A]

38
The Governor of Zamfara State, in September 2012, was _____.

A. Idris Wada
B. Abdul-Aziz Yari Abubakar
C. Isiaka Abiola Ajimobi
D. Patrick Ibrahim Yakowa
The correct answer is option [B]

39
Late Sir Abubakar Tafawa Belewa was the first Nigerian President.

A. True

B. False
The correct answer is option [B]
The first Nigerian President was Dr. Nnamdi Azikiwe

40
The first female Deputy Governor in Nigeria is _____.

A. Mrs L. Okunno
B. Sarah Jubril
C. Sarah Adebisi Sosan
D. Dora Akunyili
The correct answer is option [A]

41
The 1993 Presidential elections between S.D.P and N.R.C. was annuled by Ibrahim Babangida, Nigeria's Miltary ruler on_____.

A. June 12
B. June 19
C. June 11
D. June 23
The correct answer is option [D]

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Nigeria's Political History

42
In September 2012,_____was the Governor of Akwa Ibom State.

A. Peter Obi
B. Godswill Akpabio
C. Sullivan Chime
D. Liyel Imoke
The correct answer is option [B]

43
The first female Senator in Nigeria is_____.

A. Mrs Rose Mary Ukeje
B. Mrs Chinyere Oyenaucheye
C. Mrs Wraoa Esan
D. Mrs Elfrda Adeyo
The correct answer is option [C]

44
The first election in Nigeria was in the year_____.

A. 1912
B. 1914
C. 1923
D. 1920
E. None of the above
The correct answer is option [C]

Nigeria's Politics

1
The country Nigeria has a total of_ _____se natorial districts.

A. 109
B. 306
C. 774
D. 255
The correct answer is option [A]

2
Which of the following is not a political party in Nigeria?

A. CPC
B. NDDP
C. ANPP
D. ACN
The correct answer is option [B]

3
The country Nigeria has a total of_____federal constituencies.

A. 109
B. 360
C. 774
D. 255
The correct answer is option [B]

4
In February 2013, the Minister for Culture and Tourism hailed from_____.

A. Kogi State
B. Adamawa State
C. Anambra
D. Cross River State
The correct answer is option [D]

5
In March 2013, the Permanent Secretary, Federal Ministry of Agriculture and Rural Development, was_____.

A. Mr Ewaoche Ameh
B. Mr Segun Opeke
C. Mrs Ibukun Odusote
D. Mrs Diezani Alison-Madueke The correct answer is option [C]

6
In March 2013,_____was the Minister for Education in Nigeria.

A. Prof. Oyebuchi Chukwu
B. Prof.Mrs Viola Onwuliri
C. Prof. Mrs Ruqayyatu Rufai
D. Prof. Bart Nnaji
The correct answer is option [C]

7
In 2005, the Nigerian Minister for Education was _____.

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A. Prof. Fabian Osuji
B. Dr Iyorcha Ayu
C. Mrs Rita Akpan
D. Mallam Adamu Bello
E. None of the above
The correct answer is option [A]

8
In March 2013, the National Chairman of Peoples Democratic Party (PDP) was_____.

A. Alhaji Bamanga Tukur
B. Babangida Aliyu
C. Chief Maxi Okwu
D. Dr. Hakeem Ahmed
The correct answer is option [A]

9
In March 2013, President Goodluck Jonathan granted _____to Chief Diepreye Solomon Peter Alamieyeseigha and eight others.

A. state pardon
B. permisision for bail
C. temporary house arrest
D. the request for all charges of corruption against the UK government to be dropped
The correct answer is option [A]

10
In March 2013,_____was the governor of Cross-River State.

A. Efiok Cobham
B. Senator Liyel Imoke
C. Chief Donald Duke
D. Donald Etiebet
The correct answer is option [B]

11
In February 2013,_____was the ELDER Statesman and Ijaw National leader.

A. Chief James Onanefe Ibori
B. Dr. Alex Ekwueme
C. Chief Edwin Kiagbodo Clark
D. Chief Tom Ikimi
The correct answer is option [C]

12
The country Nigeria has a total of_____local governments.

A. 774
B. 109
C. 990
D. 360
The correct answer is option [A]

13
The 7th National Assembly of Nigeria (2011-2015), inaugurated on 6th June 2011 has_____Senators.

A. 73 B. 100 C. 260 D. 109
The correct answer is option [D]

14
The Nigerian senate president from 2003-2005 was_____, and belonged to the_____party.

A. Chuba Okadigbo, PDP
B. Evans Enwerem, SDP
C. Pius Anyim , PDP
D. Adolphus Wagbara, PDP
The correct answer is option [D]

15
The country Nigeria has a total of_____state constituencies.

A. 109
B. 774
C. 360
D. 990
The correct answer is option [D]

16
In January 2013, Mrs Stella Oduah Ogeimwonyi was the Minister for_____.

A.
B. Power
C. Transport
D. Science And Technology
The correct answer is option [A]

17
The country Nigeria has a total of_____wards.

A. 3560
B. 8810
C. 990
D. 7745
The correct answer is option [B]

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18
In March 2013, Senator Ita Enang called on President Goodluck Jonathan to_____and re-allocate oil blocks.

A. seize
B. close
C. revoke
D. build
The correct answer is option [C]

19
A form of governance in which all citizens have fundamental equal rights, enjoy liberty and freedom; where the ultimate legitimacy of actions, choices rests with citizens' legitimate representatives elected by fair ballot is called .

A. Rightocracy
B. Aristocracy
C. Democracy
D. Democrats
E. Democratization
The correct answer is option [C]

20
In March 2013, the Presidency declared that _____ earned Diepreye Alamieyeseigha the state pardon.

A. the illegal impeachment of the former Governor of Bayelsa Sate by Obasanjo and Ribadu
B. the current effort by anti-corruption agencies to tackle high calibre corrupt individuals in the country
C. the stabilising role the former Governor of Bayelsa State, played to ensure that oil in the Niger Delta was not cut off

D. the official kidnapping of Governor Chris Ngige, then a
The correct answer is option [C]

21
_____was believed to have pushed a government policy to end fuel subsidies in Nigeria in January 2012.

A. Mrs Okonjo-Iweala
B. Mrs Kamene Okonjo
C. Ikioye Dogianga
D. Paul Nwabuikwu
The correct answer is option [A]

22
_____was widely regarded as the presumed winner of the inconclusive presidential election in Nigeria in 1993.

A. Ernest Adegunle Oladeinde Shonekan
B. Chief. Moshood Kashimawo Olawale Abiola
C. General Sani Abacha
D. Dr. Alex Ifeanyichukwu Ekweme
E. General Ibrahim Badamasi Babangida The correct answer is option [B]

23
In March 2013, the National Publicity Secretary of PDP was _____.

A. Olisa Metuh
B. Mr. Rotimi Fashakin
C. Chekwas Okorie
D. Mr. Rotimi Fashakin
The correct answer is option [A]

24
The legislature, judiciary, and executive are collectively called the_____.

A. tiers of government
B. arms of government
C. systems of government
D. ranks of government
E. aids of government
The correct answer is option [B]

25
In March 2013, the Federal Government granted state pardon to a former governor of Bayelsa State, known as

_____ sitting governor of Anambra state
A. Timipre Sylva
B. Henry Dickson
C. Goodluck Jonathan
D. Chief Diepreye Alamieyeseigha The correct answer is option [D]

26
In March 2013,_____was the Minister for Defence.

A. Dr. Nuruddeen Mohammed
B. Mr. Nyesom Wike
C. Dr. Bello H Mohammed
D. Dr. Yerima Lawal Ngama The correct answer is option [C]

27

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In March 2013, during the debates on the new Petroleum Industry Bill (PIB), Senator Ita Enang stated that northerners control_____of oil blocs in the country.

A. 80%
B. 75%
C. 83%
D. 90%
The correct answer is option [C]

28
In January 2013,_____was the Minister for Health.

A. Elder Godsday Orubebe
B. Prof. Oyebuchi Chukwu
C. Alh Bukar Tijani
D. Prof. Mrs Ruqayyatu Rufai The correct answer is option [B]

29
In March 2013,_____was the Special Adviser to President Goodluck Jonathan on Public Affairs.

A. Senator Clever Ikisikpo
B. Senator Rowland Owie
C. Chris Ngige
D. Dr Doyin Okupe
The correct answer is option [D]

30
A state of emergency may be declared under the following circumstances, except___.

A. a holy war
B. a period of civil unrest
C. a military regime
D. a man-made disaster
E. natural disaster
The correct answer is option [C]

31
In March 2013, the Chairman, Senate Committee on Rules and Business was____.

A. Senator Helen Esuene
B. Senator Ita Enang
C. Alhaji Aminu Dantata
D. Senator Adamu Gumba
The correct answer is option [B]

32
In February 2013, the Minister for petroleum hailed from
_____state.

A. Benue
B. Bayelsa
C. Kogi
D. Rivers
The correct answer is option [B]

33
In March 2013, which of the following parties was a part of the four political parties seeking a merger under the name APC?

A. Alliance for Democracy (AD)
B. National Democratic Party (NDP)
C. Progressive Peoples Alliance (PPA)
D. A faction of All Progressive Grand Alliance (APGA) The correct answer is option [D]

34
The debate on the_____, started on the 6th of March 2013 and scaled through its second reading on the 8th of March 2013.

A. Petroleum Industry Bill
B. Committee on Petroleum (Upstream)
C. Committee on Petroleum(Downstream)
D. Minister of Petroleum and the National Oil Exploration Frontier
The correct answer is option [A]

35
In March 2013, which of the following parties was not a part of the four political parties seeking a merger under the name APC?

A. All People's Party (APP)
B. All Nigeria Peoples Party (ANPP)
C. Action Congress of Nigeria (ACN)
D. Congress for Progressive Change (CPC) The correct answer is option [A]

36
In March 2013, which of the following political parties was a part of the four political parties seeking a merger under the name All Progressive Congress (APC)?

A. Peoples Democratic Party (PDP)
B. United Progressive Party (UPP)
C. African Peoples Congress (APC)
D. Action Congress of Nigeria (ACN) The correct answer is option [D]

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37
In March 2013,_____was the Governor of Ekiti State.

A. Kayode Fayemi
B. Steve Bamisaye
C. Bode George
D. Babalola Gbenga Gabriel The correct answer is option [A]

38
The two political parties created by the Federal Government towards the 1992 transition to Civil rule are
_____and_____.

A. NPP and NPN
B. PAP and UPN
C. SDP and UNDP
D. NRC and UPN
E. SDP and NRC
The correct answer is option [E]

39
In March 2013, the new political party that presented itself for registration having a similar acronym with All Progressive Congress (APC) was known as_____.

A. All Peoples Congress
B. African Peoples Congress (APC)
C. Action People Congress
D. Alternative People Congress The correct answer is option [B]

40
In March 2013, the conflict that ensued among the four political parties seeking registration with INEC under the merger name All Progressive Congress, APC, was because
_____.

A. of INEC's blunt refusal to register the merging political parties for no apparent reason
B. another political party with the same acronym presented itself to INEC for registration
C. of the obvious co-operation between INEC and PDP to frustrate the merger of the four political parties under the banner of All Progressives Congress (APC)
D. the merging political parties had gone through the proper channel to notify INEC that they are using the acronym APC
The correct answer is option [B]

41
In February 2013,_____was the Minister for sports.

A. Comrade Abba Moro
B. Mrs Stella Oduah Ogeimwonyi
C. Alh. Yusuf Suleiman
D. Dr Akinwunmi Ayo Adesina The correct answer is option [C]

42
In March 2013, the Chairman of the Peoples Democratic Party, PDP in Edo State was_____.

A. Adams Oshiomhole
B. Chief Dan Osi Orbih
C. Chief Tony Anenih
D. Ikedi Ohakim
The correct answer is option [B]

43
_____is the 4th Executive President of Nigeria.

A. Olusegun Obasanjo
B. Shenu Shagari
C. Goodluck Jonathan
D. Ernest Shonekan
The correct answer is option [C]

44
In August 2005, Prof. Turner Isoun was the Minister for
_____.

A. Power and Steel
B. Science and Technology
C. Internal Affairs
D. Education
E. None of the above
The correct answer is option [B]

1
Arabic schools were first established in Sokoto, Kano and Kaduna in the year_____.

A. 1450
B. 1545
C. 1689
D. 1721
The correct answer is option [A]

2

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The first Television Station in Nigeria, MWTV now NTA was established in Ibadan in the year_____.

A. 1944
B. 1959
C. 1963
D. 1971
The correct answer is option [B]

3
Nigeria does NOT share land border with_____.

A. Benin
B. Chad
C. Togo
D. Niger
E. Cameroon
The correct answer is option [C]

4
The National flag of Nigeria was designed by_____.

A. Kehinde Akinkunmi
B. Taiwo Akinkunmi
C. Udoh Akinkunmi
D. Cletus Akinkunmi
E. Ebun Taiwo
The correct answer is option [B]

5
The society for the abolition of slave trade was established in the year_.

A. 1442
B. 1633
C. 1834
D. 1777
The correct answer is option [D]

6
The increase of States in Nigeria from 19 to 21 was done by_____.

A. Gen. Gowon
B. Gen. Sanni Abacha
C. Murtala Muhammed
D. Gen Abubakar
E. None of the above
The correct answer is option [E]
It was done by Gen. Ibrahim Babangida

7
Nigeria changed from Pounds to Naira and Kobo in the year_.

A. 1970
B. 1971
C. 1972
D. 1973
E. 1974
The correct answer is option [D]

8
The first polytechnic in Nigeria,_____was founded in the year 1947.

A. Federal Polytechnic, Mubi, Adamawa
B. Federal Polytechnic, Bida, Niger
C. Federal Polytechnic, Oko, Anambra
D. Yaba College of Technology, Lagos
E. Federal Polytechnic, Bauchi The correct answer is option [D]

9
The Nigerian National Anthem "Nigeria, we hail thee..." was replaced by a new anthem "Arise, O compatriots...." on _____.

A. October 1, 1978

B. October 1, 1965
C. October 1, 1966
D. October 1, 1988
The correct answer is option [A]

10
The Federal Capital Territory of Nigeria, Abuja was formally established in_____.

A. 1991
B. 1989
C. 1990
D. 1985
The correct answer is option [A]

11
_____created the first 12 States in Nigeria.

A. General Yakubu Gowon
B. Ibrahim Babangida
C. Late Murtala Muhammed
D. Gen. Sanni abacha
E. None of the above
The correct answer is option [A]

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12
The first female Judge in Nigeria is_____.

A. Lady Virginia Etiaba
B. Mrs Rose Mary Ukeje
C. Mrs L. Okunno
D. Awoniyi Abimbola
The correct answer is option [B]

13
Nigeria was divided into 19 States on_____.

A. 5th February 1976
B. 3rd February 1977
C. 3rd February 1976
D. 13th March 1976
E. None of the above
The correct answer is option [C]

14
All of these are honours conferred by the Federal Republic of Nigeria, except_____.

A. Grand Commander of the Order of the Federal Republic (GCFR)
B. Commander of the Order of Nigeria (CON)
C. Officer of the Order of the Niger (OON)
D. Member of the Order of the Federal Republic (MFR) The correct answer is option [B]

15
The Nigerian Tribune Newspaper was established by Chief Obafemi Awolowo in the year_____.

A. 1967
B. 1938
C. 1965
D. 1949
The correct answer is option [D]

16
The first Government Primary School was established in Badagry, Lagos in the year_____.

A. 1789
B. 1899
C. 1609
D. 1454
The correct answer is option [B]

17
The National Youth Service Corps (N.Y.S.C.) was established in the year_____.

A. 1973
B. 1966
C. 1981
D. 1969
The correct answer is option [A]

18
Nigeria derived her name from River_____.

A. Benue
B. Nile
C. Thames
D. Niger
E. None of the above
The correct answer is option [D]

19
The States in Nigeria were increased from 30 to 36 on the _____.

A. 27th May 1996
B. 1st October 1996
C. 1st May 1996
D. 29th May 1996
E. None of the above
The correct answer is option [B]

20
The Ikeja bomb blast explosion occured_____.

A. September 11, 2001
B. August 08, 2004
C. January 31, 1999
D. January 27, 2002
The correct answer is option [D]

21
'Iwe Iroyin', the first Newspaper in Nigeria was published in the year_____.

A. 1476
B. 1690
C. 1770
D. 1860
The correct answer is option [D]

22
The Fulani Jihad was launched under Usman Dan Fodio in the year_____.

A. 1798
B. 1603
C. 1802

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D. 1478
The correct answer is option [C]

23
The first Nigerian woman to buy a car was _____

A. Mrs. Efuroye Tinubu
B. Mrs. Ngozi Iweala
C. Mrs. Funmilayo Kuti
D. Mrs. Dezaini Allison madueke The correct answer is option [A]

24
General Sani Abacha died on_____.

A. 8th July 1997
B. 8th June 1998
C. 7th August 1997
D. 7th July 1998
E. None of the above
The correct answer is option [B]

25
M.K.O Abiola died on_____.

A. 8th August 1997
B. 8th August 1998
C. 7th July 1997
D. 7th July 1998
E. None of the above
The correct answer is option [D]

26_increased the States in Nigeria from 12 to 19.

A. Gen. Gowon
B. Gen. Ibrahim Badamasi Babangida
C. Late Murtala Muhammed
D. Gen. Muhammadu Buhari
E. None of the above
The correct answer is option [C]

27
The first female Professor in Nigeria was_____.

A. Doyin Abiola
B. Elizabeth Awoniyi Abimbola
C. Elfrda Adeyo
D. Bertha Johnson
The correct answer is option [C]

28
The Northern and Southern part of Nigeria were amalgamated in the year_____.

A. 1832
B. 1914
C. 1789
D. 1490
The correct answer is option [B]

29
The first motor road in Nigeria (Ibadan - Oyo Road) was completed in the year_____.

A. 1890
B. 1788
C. 1905
D. 1433
The correct answer is option [C]

30
In_, the name 'Nigeria' was given by Lady Lord Lugard (Mrs. Flora Shaw).

A. 1898
B. 1765
C. 1432
D. 1777
The correct answer is option [A]

31
Nigeria's first Independent Radio Station, RayPower FM commenced broadcasting on_____.

A. July 14, 1992
B. August 7, 1991
C. September 1, 1994 D. May 23, 1990
The correct answer is option [C]

32
Usman Dan Fodio conquered Borno in the year _____.

A. 1805
B. 1798
C. 1532
D. 1609
The correct answer is option [A]

33
The first Nigerian Chief Judge is_____.

A. Chief Bola Ige
B. Justice Mariam Mukhtar Aloma
C. Dahiru Musdapher
D. Ademola Adetokunbo
The correct answer is option [D]

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34
_____was a famous Nigerian female writer who is mostly known for being the first African woman to publish a book in English.

A. Zulu Sofola
B. Chimamanda Ngozi Adichie
C. Flora Nwapa
D. Buchi Emecheta
The correct answer is option [C]

35
The_____was a protest against the taxation of women and the restriction of the role of women in government.

A. Lokoja women's riot
B. Kano women's riot
C. Oloko trio riot
D. Aba women's riot
E. Kano riot
The correct answer is option [D]

36
Sacred Heart Hospital, which was the first Nigerian Hospital was built in Abeokuta in the year_____.

A. 1598
B. 1895
C. 1662
D. 1782
The correct answer is option [B]

37
_____was one of the first Nigerian women to obtain a PhD. She was also the first female Vice-Chancellor.

A. Dr. (Mrs.) P. C. Onokala
B. Mrs. Grace Alele Williams
C. Dr. R. F. O. Onah
D. Prof. Elfrda Adeyo
The correct answer is option [B]

38
All the power plants in the following towns in Nigeria are thermal, except the one located at_____.

A. Papalanto
B. Calabar
C. Mambilla
D. Geregu
The correct answer is option [B]

39
All the following Federal Universities in Nigeria were established in 1962, except_____.

A. Obafemi Awolowo University, Ile-Ife

B. Ahmadu Bello University, Zaria
C. University of Nigeria, Nsukka
D. University of Lagos, Akoka, Lagos The correct answer is option [C]

40
The Apapa Wharf in Lagos was officially opened in the year _____.

A. 1953
B. 1944
C. 1920
D. 1961
The correct answer is option [C]

41
The increase of State in Nigeria from 21 to 30 was done by _____.

A. Gen. Sanni Abacha
B. Gen. Abubakar
C. Ernest Shonekon
D. General Ibrahim Babangida
E. None of the above
The correct answer is option [D]

42
The national motto on the Nigerian coat of arms was originally "Peace, Unity, Freedom" but was changed to "Unity and Faith, Peace and Progress" in the year_____.

A. 1969
B. 1972
C. 1978
D. 1981
The correct answer is option [C]

43
The first Nigerian female to become an Army Major General was_____.

A. Aderonke Kale
B. Josephine Okwuekeleke Tolefe
C. Blessing Liman
D. Itinu Hotonu
The correct answer is option [A]

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44
The first Nigerian woman to drive a car was_____.

A. Mrs. Efuroye Tinubu
B. Mrs. Funmilayo Kuti
C. Mrs. Ronke Kale
D. Prof. Grace Alele Williams The correct answer is option [B]

45
The Nigerian Police went on strike for the first time ever on_____.

A. December 16, 2005
B. February 02, 2002
C. March 30, 1998
D. October 07, 2000
The correct answer is option [B]

46
The Nigerian Civil War lasted for_____.

A. 2 years 3 months
B. 2 years and 4 month
C. 2 years and 5 months
D. 2 years and 6 months
E. None of the above
The correct answer is option [D]
The civil war started on the 6th of July 1967 and ended 12th of Jan. 1970

47
The first female Vice Chancellor in Nigeria is _____.

A. Dr. Mrs. Chukwu Igwe
B. Prof. Funmi Martins
C. Dr. Mrs. Shola Ransome Kuti
D. Prof. Alele Williams
E. None of the above
The correct answer is option [D]

48
The first Nigerian to own a Radio and a Television Station is____.

A. Dr. Mike Adenuga
B. Chief Raymond Dokpesi
C. Aliko Dangote
D. Ben Murray Bruce
The correct answer is option [B]

49
Nigeria changed from right hand drive to left hand drive in the year_____.

A. 1972
B. 1966
C. 1978
D. 1959
The correct answer is option [A]

50
In 2005, the President of the Nigerian Labour Congress was _____.

A. Michael Ogunkoya
B. Pascal Bafuaiye
C. Adams Oshimole
D. Lasisi Ogunde
E. none of the above
The correct answer is option [C]

51
Rivers State was created in the year_____.

A. 1964
B. 1965
C. 1966
D. 1967
E. 1968
The correct answer is option [D]

52
Nigeria joined the O.P.E.C. community in_____.

A. 1977
B. 1981
C. 1967
D. 1971
The correct answer is option [D]

53
The first female naval Admiral (two star general) in West Africa was Commodore_____.

A. Aderonke Kale
B. Blessing Liman
C. Itinu Hotonu
D. Josephine Okwuekeleke Tolefe The correct answer is option [C]

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54
The Benin kingdom was established by the Portuguese in the year_.

A. 1545
B. 1776
C. 1472
D. 1832
The correct answer is option [C]

55
Who was the first woman to name this country 'Nigeria'?

A. Lord Lugard
B. Flora Azikiwe
C. Flora Shaw
D. Mary Slessor
E. Florence Nightingale
The correct answer is option [C]

56
The first Nigerian woman to receive a university degree from Oxford University was_____.

A. Moremi Ajasoro
B. Toyin Adewale
C. Christina Anyanwu
D. Lady Kofo Ademola
The correct answer is option [D]

57
The first Nigerian Inspector General of Police is _____.

A. Loius Edet
B. Mohammed Dahiru Abubakar
C. Hafiz Abubakar Ringim
D. Mike Okiro
The correct answer is option [A]

58
The Lagos-Ibadan railway line (123 miles) was completed in the year____.

A. 1898
B. 1768
C. 1432
D. 1901
The correct answer is option [D]

59
The first female to attain the rank of an Army Captain in Nigeria was_____.

A. Blessing Liman
B. Josephine Okwuekeleke Tolefe
C. Aderonke Kale
D. Itinu Hotonu
The correct answer is option [B] NIGERIAN HISTORY

60
General Sani Abacha became the Head of State of Nigeria on_.

A. 5th Nov. 1994
B. 6th Oct. 1994
C. 6th Nov. 1994
D. 7th Nov. 1994
E. None of the above
The correct answer is option [C]

61
The N.Y.S.C scheme was launched by_____.

A. Olusegun Obasanjo
B. Alhaji .L. Ande
C. Dr. Nnamdi Azikiwe
D. Gen. Yakubu Gowon
E. Chief Sam Mbakwe
The correct answer is option [D]

62
The first Nigerian National Anthem, adopted at independence in 1960, was written by a British expatriate known as,_____.

A. Sir Hugh Clifford
B. Miss Lilian Jean Williams
C. Frederick Lugard
D. Richmond Palmer
The correct answer is option [B]

63
The Federal Capital of Nigeria was moved from Calabar to Lagos in the year_____.

A. 1888
B. 1732
C. 1690

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D. 1906
The correct answer is option [D]

64
'..great lofty heights attain,
to build a nation where and shall reign'.

A. peace and unity
B. love and harmony
C. peace and justice
D. peace and honesty
E. love and justice
The correct answer is option [C]

65
The honours and awards conferred on Nigerians and friends of Nigeria who had contributed socially, politically or economically to enhance the Nigerian state by the Federal Republic of Nigeria are known as the .

A. Nigerian National Awards
B. Nigerian National Merit Awards
C. National Awards
D. National Productivity Merit Awards
E. National Merit Awards
The correct answer is option [A]

66
The Nigerian Police uniform was changed to black in the year_____.

A. 1978
B. 1969
C. 1988
D. 1981
The correct answer is option [C]

67
The Freedom of Information Act enacted by the National Assembly of the Federal Republic of Nigeria was on _____.

A. 28th May, 2013 was
B. 28th May, 2011
C. 28th May, 2012
D. 28th May, 2010
E. 28th May, 2009
The correct answer is option [B]

68
The first ordained Bishop in Nigeria was Rev. Samuel Ajayi Crowther. He was ordained in the year_____.

A. 1789
B. 1656
C. 1861
D. 1777
The correct answer is option [C]

69
_____was instrumental in a deal with the Paris club to pay a portion of Nigeria's external debt ($12billion) in return for an $18billion debt write-off.

A. Prof. Chukwuma C. Soludo
B. Dr. Ngozi Okonjo-Iweala
C. Dr. Obiageli Ezekwesili
D. Mallam Sanusi Lamido Sanusi
E. Chief. Anthony Ani
The correct answer is option [B]

70
The Nigerian Federal Capital City was moved from Lagos to Abuja in the year_____.

A. 1972
B. 1988
C. 1991
D. 1985
The correct answer is option [C]

71
SURE-P stands for .

A. Subsidy Reinvestment and Evaluation Programme
B. Subsidy Renewal and Evaluation Programme
C. Subsidy Renewal and Empowerment Programme
D. Subsidy Reinvestment and Empowerment Programme
E. Subsidy Restructuring and Evaluation Programme The correct answer is option [D]

73

_____was the year the Methodist Church established at Badagry.

A. 1773
B. 1692
C. 1580
D. 1841
The correct answer is option [D]

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74
The first female Deputy Inspector General of Police was _____.

A. Mrs Bisi Ugowe
B. Itinu Hotonu
C. Blessing Liman
D. Aderonke Kale
The correct answer is option [A]

75
The first Nigerian to speak a foriegn language was _____.
A. Oba Esigie of Benin
B. King Jaja of Opobo
C. Emir Maccido Of Sokoto
D. Rev. Samuel Ajayi Crowther The correct answer is option [A]

76
Islamic religion started in Northern Nigeria in the year _____.

A. 1756
B. 1500
C. 1488
D. 1698
The correct answer is option [B]

77
Which of these is NOT a national symbol of Nigeria?

A. The national anthem
B. The national currency
C. The national creed
D. The national pledge
E. Coat of arms
The correct answer is option [C]

78
_____is referred to as a movement to succeed with the aim of securing the rebirth of the defunct state of Biafra from Nigeria.

A. MOSSOB
B. NASSAB
C. MOSSAB
D. MASSOB
E. MASSAB
The correct answer is option [D]

79
Nigeria was divided into 12 States on the 27th of May 1967.

A. True

B. False
The correct answer is option [A]

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Sports

1
Which of these club sides won the 2009 UEFA championships

A. Manchester United
B. Chelsea
C. Arsenal
D. Manchester City
E. Barcelona
The correct answer is option [A]

2
Which one of the following persons did not represent Nigeria at any level of sporting activities?

A. Sunday Bada
B. Hogan 'Kid' Bassey
C. Teslim Balogun
D. Bryan Okwara
The correct answer is option [D]

3
The fastest female athlete in Africa in the 90s was _____.

A. Modele Sharafat - Yusuf
B. Mary Onyeali
C. Fatima Yusuf
D. Tina Ihegwam
E. Charity Utondu
The correct answer is option [B]

4
For what reason did Nigeria in 1978 boycott the CommonWealth Games?

A. In protest of the continued Apartheid in South Africa
B. To draw atttention to the rate of poverty in Africa and the evident indifference of Developed nations to the plight of Africans
C. To protest the non-inclusion of the country into the security council of the CommonWealth
D. To force the hand of the CommonWealth authorities to provide aid to ailing African countries
The correct answer is option [A]

5
The Olympic Gold Medalist who announced retirement from all forms of Competitive Swimming in February 2013, was___.

A. Cameron van der Burgh
B. Matt Biondi
C. Nathan Adrian
D. Rebecca Adlington
The correct answer is option [D]

6
The women's 100 metre dash world record of 10.49 was set in 1988 by _____

A. Marion Jones
B. Florence Griffith Joyner
C. Shelly-Ann Fraser
D. Blessing Okagbare
The correct answer is option [B]

7
Rashidi Yekini was a prolific Nigerian striker that won the African footballer of the year for 1993. He died on the _____, 2012.

A. 12th of August
B. 27th of March
C. 4th of May
D. 18th of July
The correct answer is option [C]

8
Who has three straight CAF player of the year award?

A. Yaya Toure
B. Diddie Drogba
C. Kanu Nwankwo
D. Samuel Eto'o
The correct answer is option [A]

9
The Nigerian football team (The Dream Team) won the gold medal for football at the_____Olympics competition.

A. Barcelona, 1992
B. Atlanta, 1996
C. Athena, 2004
D. Beijing, 2008
The correct answer is option [B]

10
Which one of the following Tennis players won the 2012 U.S. Open Competition?
A. Rafael Nadal
B. Roger Federer
C. Andrew Murray
D. Novak Djokovic

The correct answer is option [C]

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11
The 1993 FIFA Under-17 world championship held between_____and_____.

A. 20th August, 3rd September
B. 23rd August, 6th September
C. 22nd August, 5th September
D. 21st August, 4th September The correct answer is option [D]

12
As at 2013, the reigning male World Tennis Player (Number One) was_____.

A. Rafael Nadal
B. Novak Djokovic
C. James Blake
D. Roger Federer
E. Andy Roddick
The correct answer is option [A]

13
Who, among the following female footballers in September, 2012, was the only player to have won the FIFA World Female Player of the Year five times in a row?

A. Birgit Prinz
B. Kelly Smith
C. Marta Vieira da Silva
D. Abby Wambach
The correct answer is option [C] Marta Vieira da Silva (born 19 February 1986 in Dois Riachos, Alagoas), commonly known as Marta has been named FIFA World Player of the Year five consecutive times, in 2006, 2007, 2008, 2009 and 2010. She was a member of the Brazilian national teams

that won the silver medal at the 2004 and 2008 Summer Competition. Olympics.

14
The record of the second most decorated Olympian of all time in September, 2012 was_____.

A. Carl Lewis
B. Usain Bolt
C. Larisa Latynina
D. Michael Fred Phelps
The correct answer is option [C]

15
Nigeria's U-20 men's national soccer team, is popularly known as____.

A. Golden Eaglets
B. Green Eagles
C. Enugu Rangers
D. Flying Eagles
The correct answer is option [D]

16
Victor Moses as at September, 2012, is a Nigerian footballer who plays in the English Premier league for _____Football Club.

A. Chelsea
B. Arsenal
C. Manchester United
D. Mancity United
The correct answer is option [A]

17
The 2013 African Cup of Nations, took place in_____.

A. Burkina Faso
B. Mali
C. Côte d'Ivoire
D. South Africa
The correct answer is option [D]

18
What position was Team Great Britian on the medals' table at the 2012 London Olympics?

A. 1st
B. 2nd
C. 3rd
D. 4th
The correct answer is option [D]

19

_____is not a Major Grand Slam Tennis

A. Australian Open
B. Davis Cup
C. Wimbledon
D. French Open
The correct answer is option [B]

20
The reigning World Footballer of the year 2013 is_____.

A. Christiano Ronaldo
B. Lionel Messi
C. Franck Ribery
D. Wayne Rooney
The correct answer is option [A]

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Sports

21
The first legitimate Nigerian World heavyweight boxing champion, winner of the World Boxing Council (WBC) belt, Samuel "The nightmare" Peters, defeated_____to win the title on March 8, 2008.

A. Oleg Maskaev
B. Wladimir Klitschko
C. Shannon Briggs
D. Ruslan Chagaev
The correct answer is option [A]

22
The most decorated Olympian of all time in September, 2012 with 22 medals was____.

A. Carl Lewis
B. Usain Bolt
C. Larisa Latynina
D. Michael Fred Phelps
The correct answer is option [D]

23
The world soccer ruling body is_____.
A. NFA
B. CFAA
C. FAFA
D. FIFA
E. none of the above
The correct answer is option [D]

24
Joe Frazier the world heavyweight boxing champion between 1970 and 1973 died on_____.

A. 6 February, 2012 B. 22 July, 2012
C. 7 November, 2011
D. 15 October, 2011
The correct answer is option [C]

25
Who is the world's best club coach of the year 2013?

A. Jupp Heynckes
B. Jurgen Klopp
C. Diego Simeone
D. Alex Ferguson
The correct answer is option [A]

26
The match between Nigeria and Tahiti in the Confederations cup 2013 ended in_____.

A. 6 - 1
B. 6 - 0
C. 5 - 1
D. 4 - 0
The correct answer is option [A]

27
Usain Bolt's 100 meter world record was in_____.

A. 2012
B. 2010
C. 2009
D. 2008
The correct answer is option [C]

28
The 2013 FIFA Confederation cup took place in_____.

A. America
B. Brazil
C. South Africa
D. London
The correct answer is option [B]

29
The 2013 African Cup of Nations was also known as the _____for sponsorship reasons.

A. Pepsi African Cup of Nations
B. Orange African Cup of Nations
C. MTN African Cup of Nations
D. Coca-Cola African Cup of Nations The correct answer is option [B]

30
The first African American to build, own and operate a golf course is_____.

A. Bill Powell
B. Philip Anderson
C. Barrack Obama
D. Bill Clinton
E. Evander Blton
The correct answer is option [A]

31
The football players of Kenya are popularly known as _____.

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A. Black Stars
B. Harambee Stars
C. Super Eagles
D. The Stallions
The correct answer is option [B]

32
How many countries participated in the Orange Africa Cup of Nations in 2013?
A. 24
B. 16
C. 15
D. 20
The correct answer is option [B]

33
Which country won the highest number of Gold medals in the 2012 London Olympics?

A. China
B. Great Britain
C. Russia
D. U.S.A.
The correct answer is option [D]

34
Usain St. Leo Bolt, the Jamaican sprinter widely regarded as the fastest person ever, ran a world record of _____in the 100 meters event of the Olympics finals in London, 2012.

A. 9.78 secs
B. 9.76 secs
C. 9.63 secs
D. 9.58 secs
The correct answer is option [C]

35
The first Nigerian to win a gold medal at the Olympics was
_____.

A. Mary Onyali
B. Falilat Ogunkoya
C. Chioma Agunwa-Opara
D. Violet Odogwu
E. Sherifat Akanbi
The correct answer is option [C]

36
Nigeria's first ever and only individual Gold medalist at the 1996 Atlanta Olympics is_____.

A. Perpetua Nkwocha
B. Chioma Ajunwa
C. Mary Onyali
D. Florence Omagbemi
E. Patience Igbiti
The correct answer is option [B]

37
Which one of the following players won the UEFA player of the year 2012?

A. Messi
B. Andrés Iniesta
C. Christiano Ronaldo
D. Xavier Hernández
The correct answer is option [B]

38
The first country to win the World Cup was_____.

A. Brazil
B. Italy
C. West Germany
D. Uruguay
E. Peru
The correct answer is option [D]

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According to the World Metrological Organisation, the most current typhoon as at November, 2013 in the Philippines is_____.

A. Bopha
B. Utor
C. Washi
D. Haiyan
E. Pablo
The correct answer is option [D]

1
The Olympic Gold Medalist who announced retirement from all forms of Competitive Swimming in February 2013, was___.

A. Cameron van der Burgh
B. Matt Biondi
C. Nathan Adrian
D. Rebecca Adlington
The correct answer is option [D] SPORTS

2
The first Nigerian Inspector General of Police is
_____.

A. Loius Edet
B. Mohammed Dahiru Abubakar
C. Hafiz Abubakar Ringim
D. Mike Okiro
The correct answer is option [A]

3
The 2013 African Cup of Nations was also known as the _____for sponsorship reasons.

A. Pepsi African Cup of Nations
B. Orange African Cup of Nations
C. MTN African Cup of Nations
D. Coca-Cola African Cup of Nations The correct answer is option [B]

4
Nigeria was divided into 19 States on_____.

A. 5th February 1976
B. 3rd February 1977
C. 3rd February 1976
D. 13th March 1976
E. None of the above
The correct answer is option [C]

5
The Northern and Southern part of Nigeria were amalgamated in the year_____.

A. 1832
B. 1914
C. 1789
D. 1490
The correct answer is option [B]

6
In March 2013, which of the following political parties was a part of the four political parties seeking a merger under the name All Progressive Congress (APC)?

A. Peoples Democratic Party (PDP)
B. United Progressive Party (UPP)
C. African Peoples Congress (APC)
D. Action Congress of Nigeria (ACN) The correct answer is option [D]

7
In 2008, Chief medical officer for England urged doctors not to use antibiotics to treat colds and coughs as these are caused by _____and do not respond to antibiotics.

A. viruses
B. bacteria
C. protozoa
D. fungi
The correct answer is option [A]

8
Which one of the following Tennis players won the 2012 U.S. Open Competition?

A. Rafael Nadal
B. Roger Federer
C. Andrew Murray
D. Novak Djokovic

The correct answer is option [C] 9
Who has three straight CAF player of the year award?

A. Yaya Toure
B. Diddie Drogba
C. Kanu Nwankwo
D. Samuel Eto'o
The correct answer is option [A]

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10
The University of Lagos was renamed as 'Moshood Abiola University' by President Goodluck Jonathan on the _____; a decision he reversed afterwards.

A. 7th July, 2012
B. 18th June, 2012
C. 29th May, 2012
D. 23th April, 2012
The correct answer is option [C]

11

During the Africa Magic Viewers Choice Awards held on Saturday, March 9th 2013,_____was given the 'Best Actor' Award Drama (Movies/TV).

A. Matthew Nabwiso
B. Hafiz Oyetoro
C. O.C Ukeje
D. Tim Greene
The correct answer is option [C]

12
The novel 'Purple Hibiscus', shortlisted for and awarded several prestigious prizes, is authored by___.

A. Ngugi wa Thiong'o
B. Chimamanda Ngozi Adichie
C. Wole Soyinka
D. Chinua Achebe
E. Ayi Kwei Armah
The correct answer is option [B]

13
'Ogbunike Caves' is a popular tourist destination in _____of Nigeria.

A. Enugu State
B. Anambra State
C. Ebonyi State
D. Imo State
The correct answer is option [B]

14
M.K.O Abiola died on_____.

A. 8th August 1997
B. 8th August 1998
C. 7th July 1997
D. 7th July 1998
E. None of the above
The correct answer is option [D]

15
The dictator ruler of Iraq, Saddam Hussien was executed on _____.

A. 30th December 2003
B. 30th December 2005
C. 30th December 2006
D. 30th December 2004
The correct answer is option [C]

16

_____is the first female Chief Justice of Nigeria.

A. Justice Murtala Nyako
B. Justice Mary Odili
C. Justice Aloma Mariam Mukhtar
D. Justice Rose Mary Ukije
E. Justice (Chief.) Folake Solanke The correct answer is option [C]

17
In Nigeria, NAPEP is known as_____.

A. Nigerian Poverty Eradication Programme
B. National Petroleum Environmental Programme
C. Nigerian Police Empowerment Programme
D. National Poverty Eradication Programme The correct answer is option [D]

18
The States in Nigeria were increased from 30 to 36 on the _____.

A. 27th May 1996
B. 1st October 1996
C. 1st May 1996
D. 29th May 1996
E. None of the above
The correct answer is option [B]

19
The Nigerian Federal Capital City was moved from Lagos to Abuja in the year_____.

A. 1972
B. 1988
C. 1991
D. 1985
The correct answer is option [C]

20
The_____allows access by the general public to data held by national governments.

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A. National Data Assessment policy
B. Freedom of Information law
C. Data Communication law
D. Liberalisation policy
E. Data Transparency and Communication law The correct answer is option [B]

21
In March 2013,_____was the Managing Director of Federal Airports Authority of Nigeria (FAAN),

A. Princess Stella Adaeze Oduah
B. Mr George Uriesi
C. Dr. Goodluck Ebele Jonathan
D. Comrade Adams Oshomole The correct answer is option [B]

22
The first executive President of Nigeria is_____.

A. Alhaji Shehu Shagari
B. General Olusegun Aremu Obasanjo
C. President Goodluck Ebele Jonathan
D. Umaru Musa Yar'Adua
The correct answer is option [A]

23
In March 2013,_____was the Director – General of the National Information Technology Development Agency (NITDA).

A. Shina Oyetosho
B. Emmanuel Onyeje
C. Donald Oyeleye
D. Professor Cleopas Angaye The correct answer is option [D]

24
The first Nigerian woman to receive a university degree from Oxford University was_____.

A. Moremi Ajasoro
B. Toyin Adewale
C. Christina Anyanwu
D. Lady Kofo Ademola
The correct answer is option [D]

25
In the Nigerian Health sector, PMTCT is known as_____.

A. Post Mortem Care Transmission
B. Prevention of Mother to Children Transmission
C. Post Maternal Child Trust
D. Prevention of Mother to Child Transmission The correct answer is option [D]

26
Muhammad Hosni El Sayed Mubarak, President of Egypt stepped down as President on_____.

A. March 9, 2011 B. June 23, 2010
C. February 11, 2011
D. December 8, 2011
The correct answer is option [C]

27
The full meaning of the acronym of the Nigerian agency N.E.M.A., is_____.

A. Nigerian Empowerment Management Agency
B. National Environmental Management Agency
C. Nigerian Economy Mangement Agency
D. National Emergency Management Agency The correct answer is option [D]

28
Sullivan Chime, in September 2012, was the Governor of _____.

A. Ebonyi State
B. Enugu State
C. Imo State
D. Anambra State
The correct answer is option [B]

29
The sixth Secretary General of the United Nations, 'Boutros Boutros-Ghali' was of African descent. He was from_____.

A. Egypt
B. South-Africa
C. Ghana
D. Ethiopia
The correct answer is option [A]

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30
Jim Yong Kim was elected president of World Bank Group on_____.

A. 16 January, 2012
B. 16 February, 2012
C. 16 March, 2012
D. 16 April, 2012 E. 16 May, 2012
The correct answer is option [D]

31
In 2013, the commonwealth day was celebrated on the _____.

A. 10th March
B. 11th February
C. 11th January
D. 11th March
The correct answer is option [D]

32
Which of the following countries is NOT one of the permanent members of the U.N. Security Council?

A. China
B. France
C. Germany
D. Russia
The correct answer is option [C]

33
The Nigerian Civil War lasted for_____.

A. 2 years 3 months
B. 2 years and 4 month
C. 2 years and 5 months
D. 2 years and 6 months
E. None of the above
The correct answer is option [D]
The civil war started on the 6th of July 1967 and ended 12th of Jan. 1970

34
On_____, British Prime Minister Gordon Brown formally resigned as prime minister after acknowledging that his Labour Party will be unable to form a majority in Parliament;

A. August 30, 2009
B. February 4, 2011
C. May 11, 2010
D. September 23, 2011
The correct answer is option [C]

35
In Nigeria, NEPZA is known as_____.

A. Nigeria Export Processing Zones Authority
B. National Export Processing Zones Authority
C. Nigerian Export Processing Zones Authority
D. Nigeria Export Processing Zones Agency The correct answer is option [A]

36
In August 2005, Prof. Turner Isoun was the Minister for
_____.

A. Power and Steel
B. Science and Technology
C. Internal Affairs
D. Education
E. None of the above
The correct answer is option [B]

37
In the People's Republic of China, the President is selected once_.

A. every five years
B. every two years
C. every four years
D. every three years
The correct answer is option [A]

38
Which of the following airlines is a Nigerian airline?

A. Delta Airlines
B. Arik Air
C. Virgin Atlantic
D. Atlantic Express
The correct answer is option [B]

39
The Nigerian senate president from 2003-2005 was_____, and belonged to the_____party.

A. Chuba Okadigbo, PDP
B. Evans Enwerem, SDP
C. Pius Anyim , PDP
D. Adolphus Wagbara, PDP
The correct answer is option [D]

4
T f Nig fe mi p i
_____.

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A. Itinu Hotonu
B. Aderonke Kale
C. Blessing Liman
D. Josephine Okwuekeleke Tolefe The correct answer is option [C]

41
In Nigeria, NERC is known as_____.

A. Nigerian Export Regulatory Commission
B. Nigerian Electoral Regulatory Commission
C. National Electricity Regulatory Commission
D. Nigerian Electricity Regulatory Commission The correct answer is option [D]

42
The Federal Capital of Nigeria was moved from Calabar to Lagos in the year_____.

A. 1888
B. 1732
C. 1690
D. 1906
The correct answer is option [D]

43
On, a 7.0-magnitude earthquake devastated Port-au-Prince, Haiti. The quake levelled many sections of the city, destroying government buildings, foreign aid offices, and countless slums with fatalities of up to 100,000 persons.

A. March 17, 2012
B. October 23, 2011
C. January 12, 2012
D. December 9, 2011
The correct answer is option [C]

44
_____, popularly known as the Village Headmaster, died on February 19th 2013, following a complication from diabetes.

A. Enebeli Elebuwa
B. Chief Justus Esiri
C. Sam Loco Efe
D. J. T. Tom West
The correct answer is option [B]

45
Who, among the following female footballers in September, 2012, was the only player to have won the FIFA World Female Player of the Year five times in a row?

A. Birgit Prinz
B. Kelly Smith
C. Marta Vieira da Silva
D. Abby Wambach
The correct answer is option [C] Marta Vieira da Silva (born 19 February 1986 in Dois Riachos, Alagoas), commonly known as Marta has been named FIFA World Player of the Year five consecutive times, in 2006, 2007, 2008, 2009 and 2010. She was a member of the Brazilian national teams that won the silver medal at the 2004 and 2008 Summer Olympics.

46
In 2002, the Miss World Pageant was moved from Abuja, Nigeria to_____due to protests in the Northern part of the country.

A. Paris
B. London
C. Johannesburg
D. Los Angeles
The correct answer is option [B]

47
In 2008 & 2013 respectively, Chief medical officer for England, Liam Donaldson and her successor, urged doctors not to use antibiotics to_____.

A. E.coli bacteria
B. Klebsiella bacteria
C. Gram negative
D. treat colds and coughs
The correct answer is option [D]

48
The modern state of Israel came into being in the year _____.

A. 1949
B. 1945
C. 1948
D. 1939
The correct answer is option [C]

49
In March 2013, Senator Ita Enang called on President Goodluck Jonathan to_____and re-allocate oil blocks.

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A. seize
B. close
C. revoke
D. build
The correct answer is option [C]

50
The national motto of Nigeria is_____.

A. "Hope and Faith, Prosperity and Progress"
B. "Unity and Progress, Faith and Peace"

C. "Unity and Faith, Joy and Progress" the
D. "Unity and Faith, Peace and Progress" The correct answer is option [D]

51
In Februaury 2013, The Nigerian Airspace Management Agency (NAMA) named Nollywood actress Miss Benita Nzeribe as____.

A. Nigerian Sector Ambassador for Sierra Leone
B. Federal Airport Authority Ambassador for Nigeria
C. Air Safety Ambassador for Nigeria
D. Nigerian Airspace Management Agency Ambassador for Europe
The correct answer is option [C]

52
In March 2013, Head of Corporate Communications, at Central Bank of Nigeria, stated that commercial banks in the country_____.

A. were not authorised to give loans above N300bn
B. were obliged to report to report corrupt politicians to EFCC
C. could not give long-term loans for now
D. must correct every tribal conflicts among every member of staff
The correct answer is option [C]

53
Until his death, how long did president Hugo Chavez rule Venezuela?

A. 14 years
B. 20 years
C. 32 years
D. 12 years
The correct answer is option [A]

54
_____was widely regarded as the presumed winner of the inconclusive presidential election in Nigeria in 1993.

A. Ernest Adegunle Oladeinde Shonekan
B. Chief. Moshood Kashimawo Olawale Abiola
C. General Sani Abacha
D. Dr. Alex Ifeanyichukwu Ekweme
E. General Ibrahim Badamasi Babangida The correct answer is option [B]

55

_____is an international treaty that specifies privileges of a diplomatic mission that enable diplomats to perform their function without fear of coercion or harassment by the host country.

A. Vienna Convention on Diplomatic Relations
B. Diplomatic Immunity
C. Diplomatic Law
D. International Law Commission The correct answer is option [A]

56
Which of these tourist attractions is found in Niger state of Nigeria?

A. National War Museum
B. Obudu Cattle Ranch
C. Gurara Falls
D. Ogubunike Cave
E. Kamuku National Park
The correct answer is option [C]

57
In the Nigerian Health Sector, NIMR is known as_____.

A. Nigerian Institute of Medical Resources
B. National Institute of Medical Research
C. Nigerian Institute of Medicine Research
D. Nigerian Institute of Medical Research The correct answer is option [D]

58
The Governor of Sokoto State, in September 2012, was _____.

A. Sule Lamido
B. Umaru Tanko Al-Makura
C. Jonah Jang
D. Aliyu Wamakko
The correct answer is option [D]

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59
In which city is the headquarters of the United Nations located?

A. Venice
B. New York
C. Geneva
D. Berlin
E. London
The correct answer is option [B] 60
The currency used in Isreal is_____.
A. Lira
B. Shekel
C. Dinar
D. Rupee
E. None of the above
The correct answer is option [B]

62
In which of the following countries can 'Zanzibar' be found?

A. Ethiopia
B. Guinea Bissau
C. Tanzania
D. Liberia
The correct answer is option [C]

63
FIFA is an acronym for_____.

A. Fédération Internationale Football Association
B. Football Internationale de Fédération Association
C. Fédération Internationale de Football Association
D. Fédération Internale de Football Association The correct answer is option [C]

64
In Nigeria, ICPC stands for_____.

A. International Collegiate Programming Contest
B. International Cable Protection Committee
C. Independent Centre for the Prevention of Crime
D. Independent Corrupt Practices and other Related Offences Commission
The correct answer is option [D]

65
Venezuelan Vice- President_____on 8 March 2013 was sworn in as Venezuela's acting president following the demise of the President.

A. Nicolas Maduro
B. Hugo Chavez
C. Angel Medina
D. Carlos Andrés Pérez
The correct answer is option [A]

66
The first female Vice Chancellor in Nigeria is _____.

A. Dr. Mrs. Chukwu Igwe
B. Prof. Funmi Martins
C. Dr. Mrs. Shola Ransome Kuti
D. Prof. Alele Williams
E. None of the above
The correct answer is option [D]

67
Ajaokuta in Kwara State is famous for_____.

A. Salt
B. Petroleum
C. Cotton Steel
D. Coal and Tin
E. Iron and Steel
The correct answer is option [E]

68
Which one of the following persons did not represent Nigeria at any level of sporting activities?

A. Sunday Bada
B. Hogan 'Kid' Bassey
C. Teslim Balogun
D. Bryan Okwara
The correct answer is option [D]

69
The Nigerian Police went on strike for the first time ever on _____.

A. December 16, 2005
B. February 02, 2002
C. March 30, 1998
D. October 07, 2000
The correct answer is option [B]

70
'Iwe Iroyin', the first Newspaper in Nigeria was published in the year_____.

A. 1476
B. 1690
C. 1770
D. 1860

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The correct answer is option [D]

71
Which of the following cities once served as Nigeria's administrative capital?

A. Lokoja
B. Badagry
C. Kaduna
D. Calabar
The correct answer is option [D]

72
_____was the 2nd World Black Festival of Arts and Culture.

A. FESTAC '77
B. FESTAC '87
C. FESTAC '79
D. FESTAC '88
E. FESTAC '78
The correct answer is option [A]

73

World renowned leader, Nelson Rolihlahla Mandela, born N7.935
on_, is a South African politician who served as President of South Africa from 1994 to 1999.

A. 18 July, 1918
B. 22 April, 1923
C. 4 September, 1934 D. 30 May, 1909
The correct answer is option [A]

74
Donna Summer best known as "The Queen of Disco" with 1970's hits like, "No more tears" and "I Feel Love", died of cancer on___.

A. 2 November, 2011 B. 17 May, 2012
C. 10 October, 2010
D. 22 February, 2011
The correct answer is option [B]

75
Which of the following types of flower makes up the wreath as represented on the Nigerian coat of arms?

A. Mammillaria Dioica
B. Fagraea berteriana
C. Galium cliftonsmithii
D. Coctus Spectabilis
The correct answer is option [D]

76
The management term used for describing stealing of goods displayed in a shop is_____.

A. theft
B. pilfering
C. shoplifting
D. shopstealing
E. shopdodging
The correct answer is option [C] 77
The acronym UNCTAD stands for _____.

A. United Nations Committee on Trade and Development
B. United Nations Council on Trade and Development.
C. United Nations Commission on Trade and Development.
D. United Nations Conference on Trade and Development. The correct answer is option [D]

78
On March 11th 2013, the House of Reps queried the

_____over discrepancies in the remittance of

billion generated by the Nigerian Customs Service to the Federation Account in 2007.

A. Federation Accounts Allocation Committee (FAAC)
B. Central Bank of Nigeria (CBN), Federal Inland Revenue Service (FIRS) and Nigeria Customs Service (NCS)
C. Federation Accounts Allocation Committee (FAAC), Central Bank of Nigeria (CBN),
D. Federal Inland Revenue Service (FIRS) and Nigeria Customs Service (NCS)
The correct answer is option [B]

79
Lufthansa Airline is_____airline.

A. a German
B. an American
C. a British
D. a French
The correct answer is option [A]

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NNPC

ABSTRACT REASONING PRACTICE

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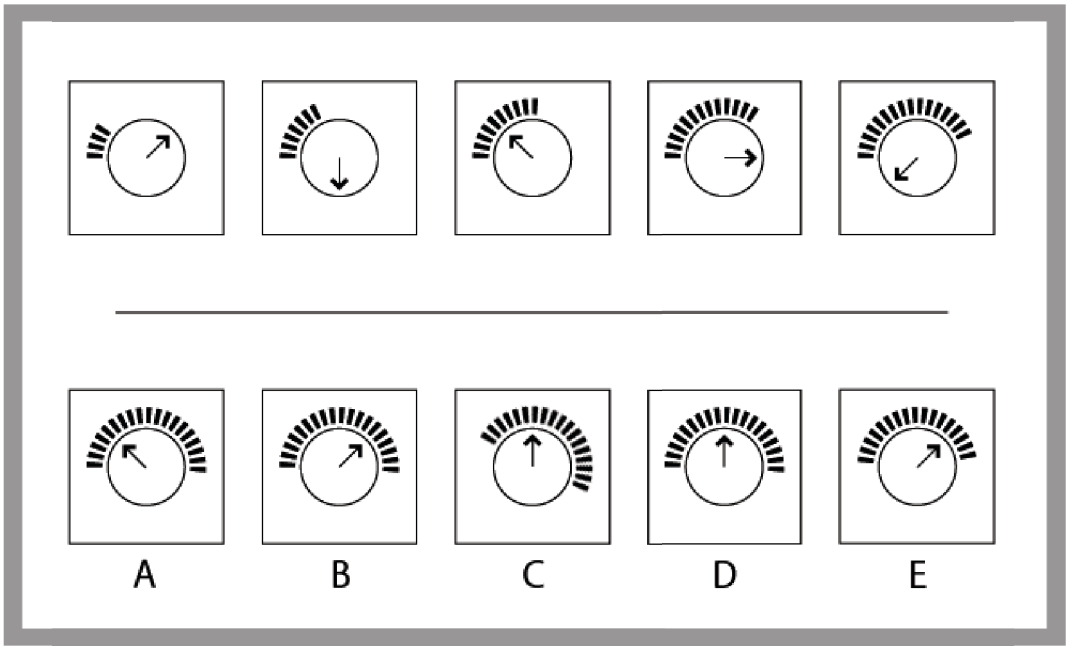
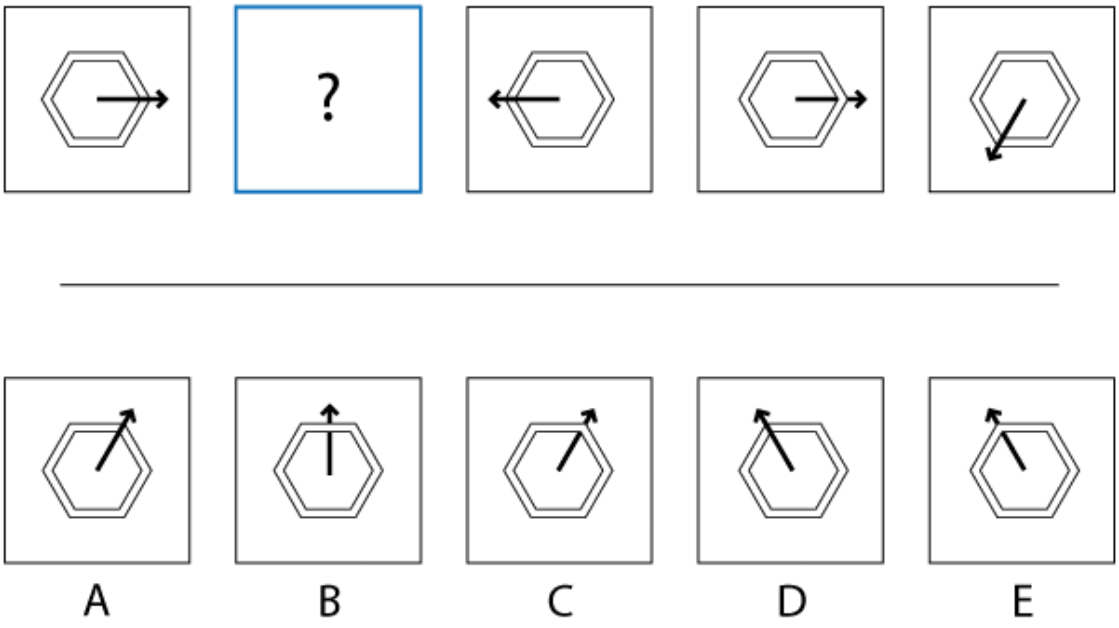


EXAMPLE QUESTION: What comes next in the sequence?

Rule 1: The arrow rotates 3 places (135˚) clockwise each time.
Rule 2: The total number of notches around the circle increases by 3 each time, with the start point at the 9 o'clock position.



Q1 What replaces the question mark?

Rule 1: The arrow rotates one place counterclockwise to the next corner, then two places, then three places and so on.

Rule 2: The arrow alternates between being behind and in front of the hexagon.

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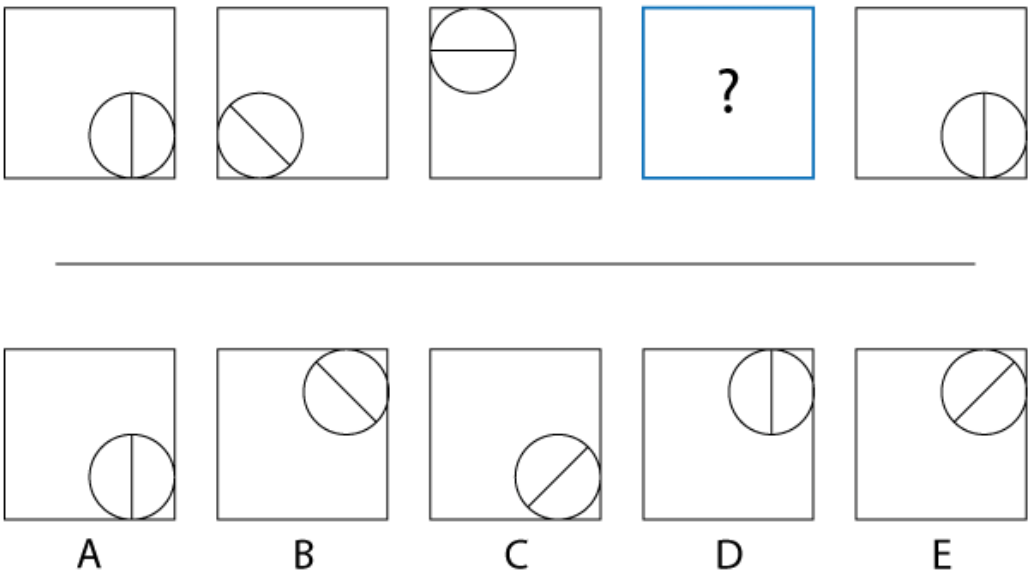
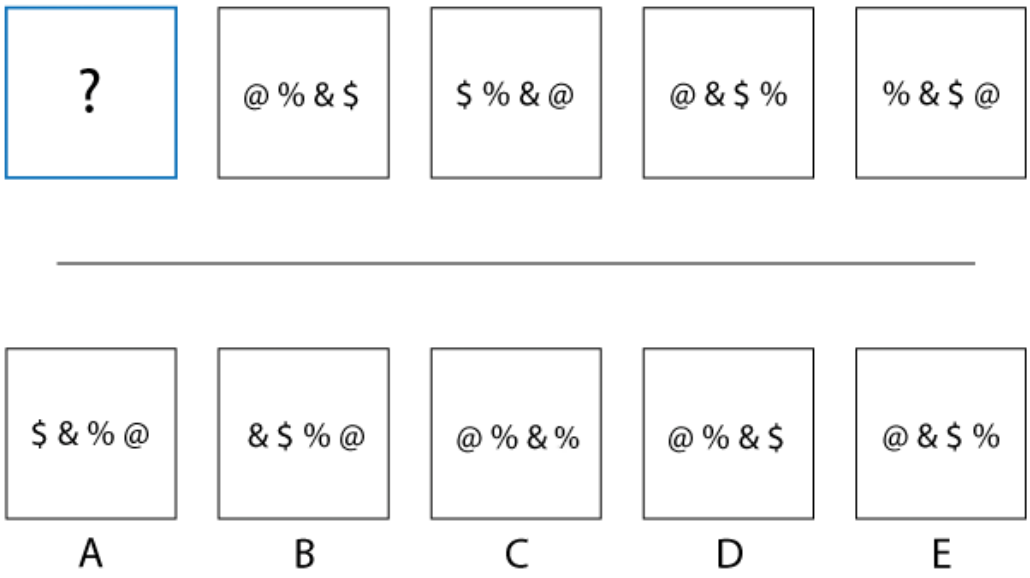


Q2 What replaces the question mark?

Rule 1: The circle moves clockwise to the next corner each time. Rule 2:

The line in the circle rotates 45˚ counterclockwise each time.



Q3 What replaces the question mark?

Rule 1: The symbols move one place to the right each time.

Rule 2: The fourth symbol on the right becomes the first symbol on the left in the next square.

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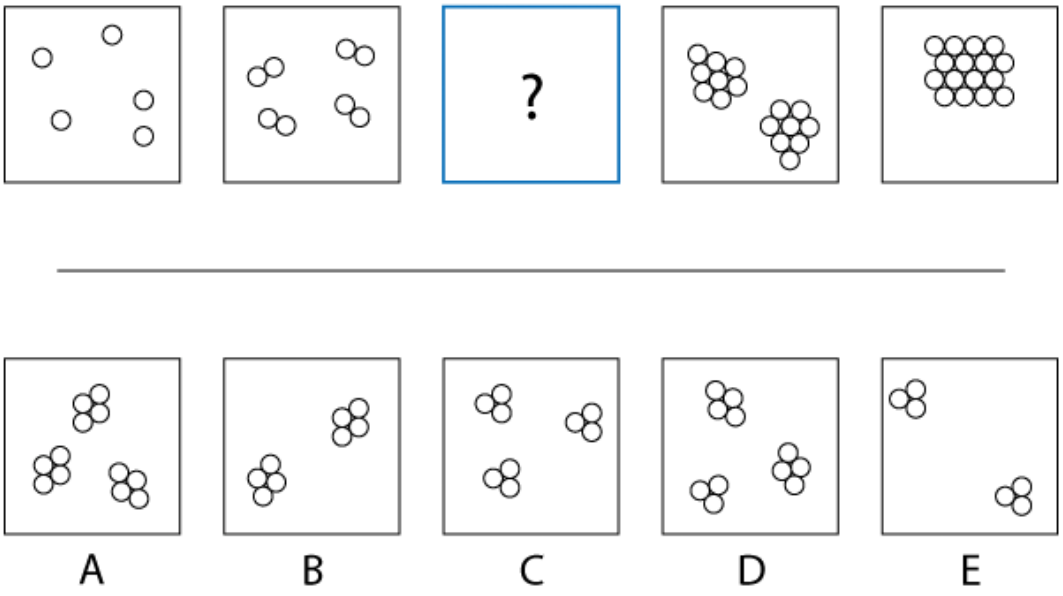
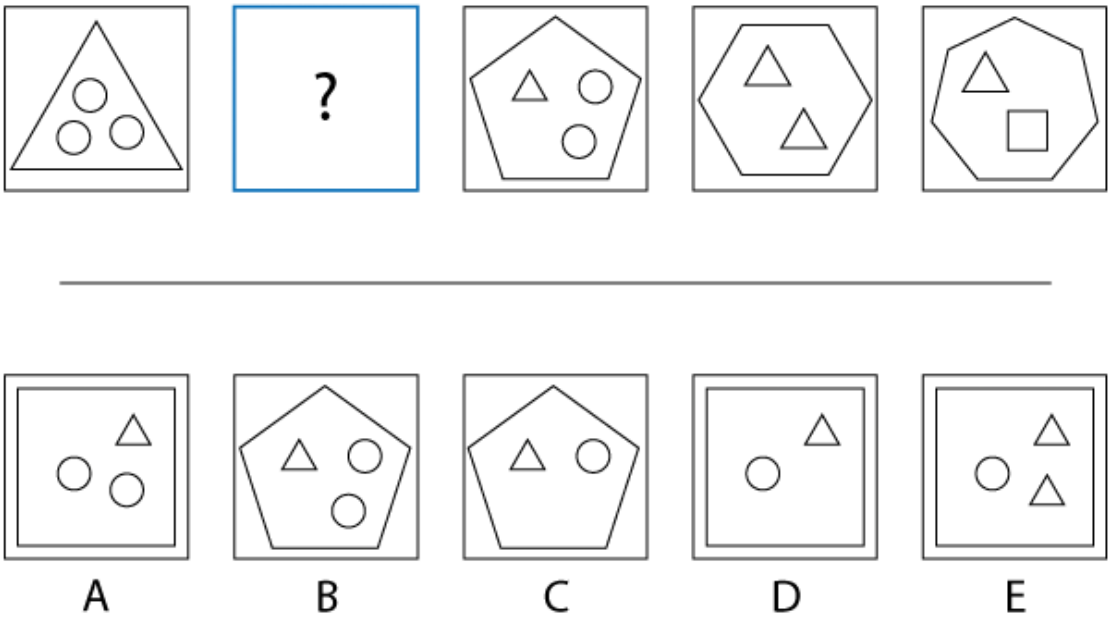


Q4 What replaces the question mark?

Rule 1: The number of circles in each cluster doubles each time. Rule 2:

The total number of clusters decreases by one each time.



Q5 What replaces the question mark?

Rule 1: The total number of edges on the large outer shape increases by one each time.

Rule 2: The total number of edges on the small inner shapes is equal to the total number of edges on the large outer shape.

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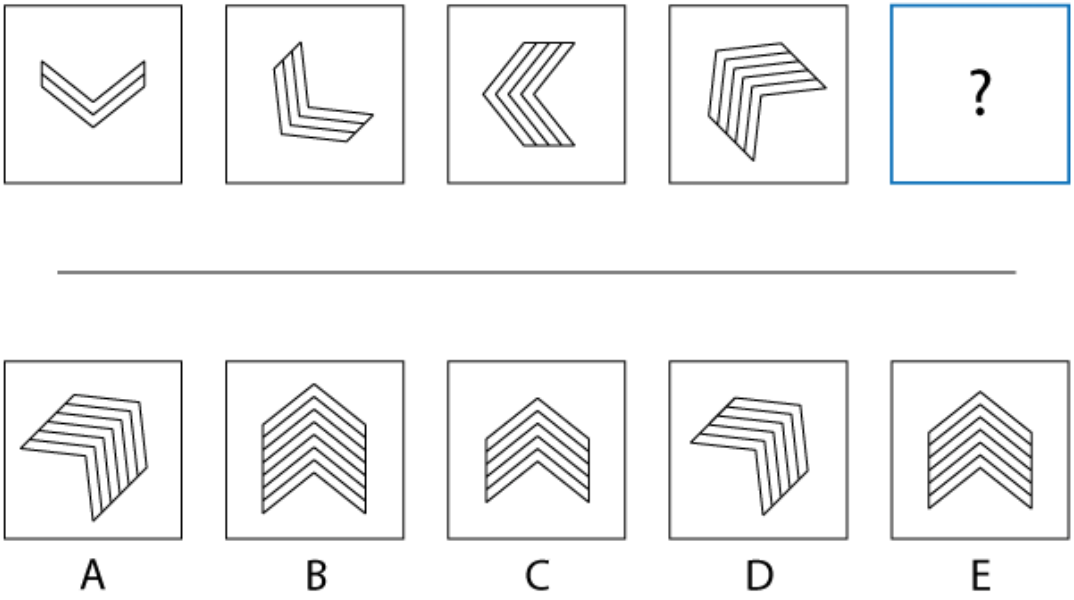
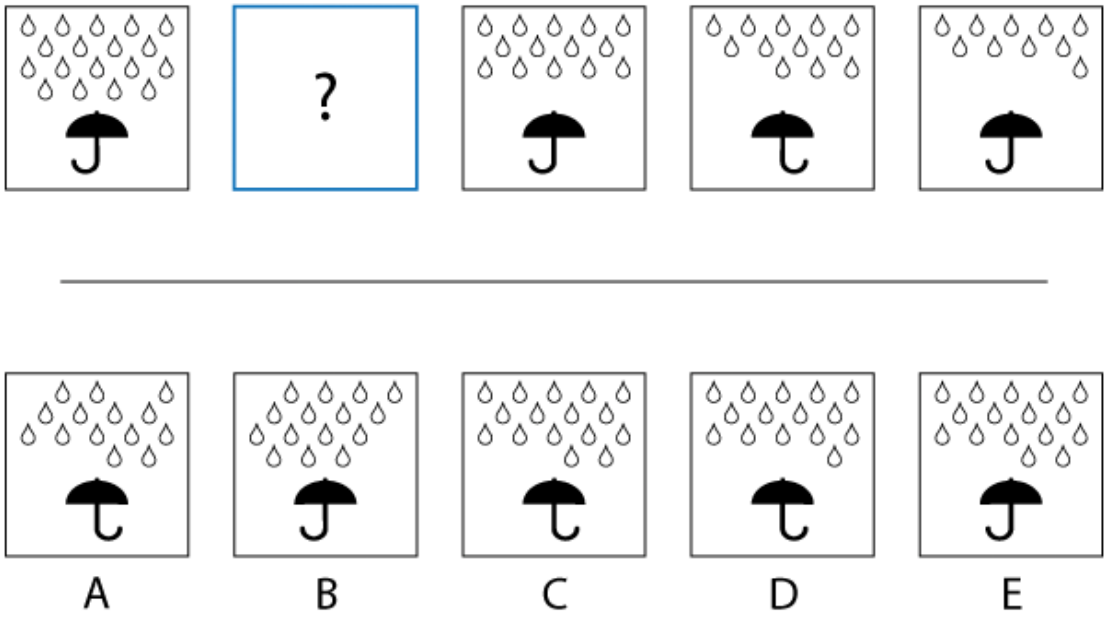


Q6 What replaces the question mark?

Rule 1: The symbol rotates 45° clockwise each time.

Rule 2: Each time a new arrow is added.



Q7 What replaces the question mark?

Rule 1: The umbrella alternates between pointing left and right. Rule 2: Each time the total number of raindrops decreases by two.

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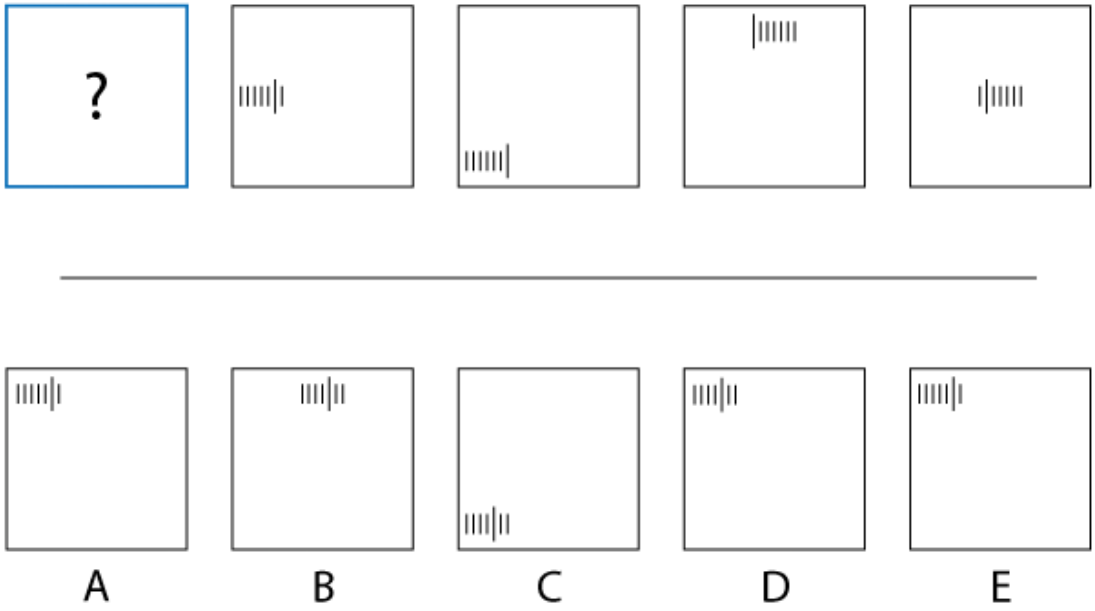
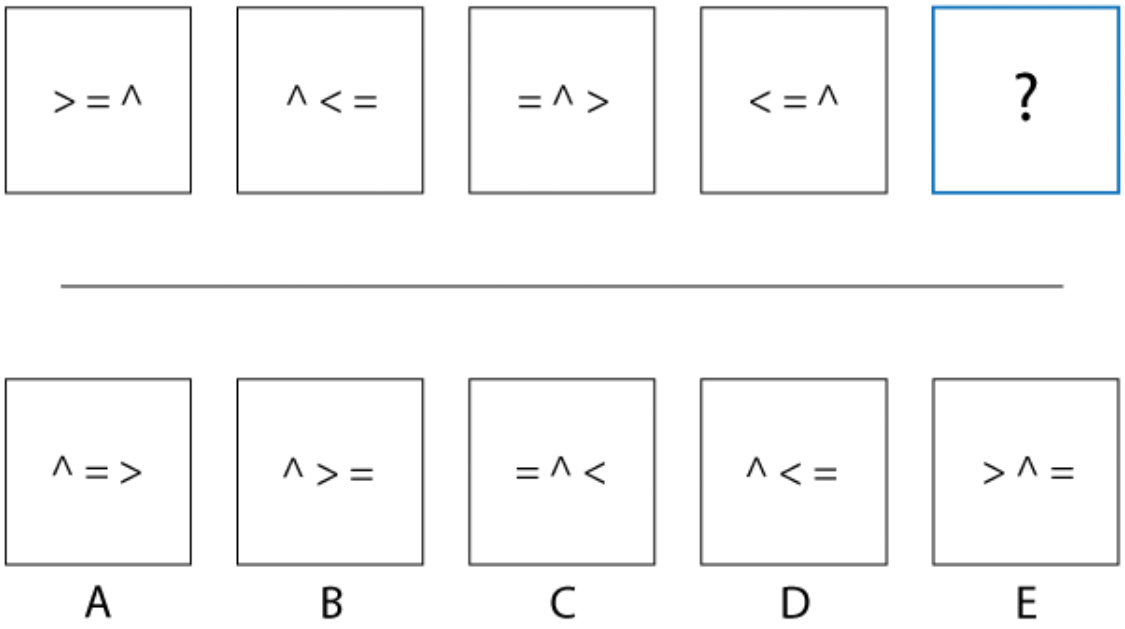


Q8 What replaces the question mark?

Rule 1: The notches move down one place each time, then thye begin again on the next column.

Rule 2: The enlarged notch moves one place to the right each time, then once it reaches the end, begins again from the left.



Q9 What replaces the question mark?

Rule 1: The symbols move one place to the right each time.

Rule 2: The horizontal arrow alternates between pointing right (>) and left (<) each time.

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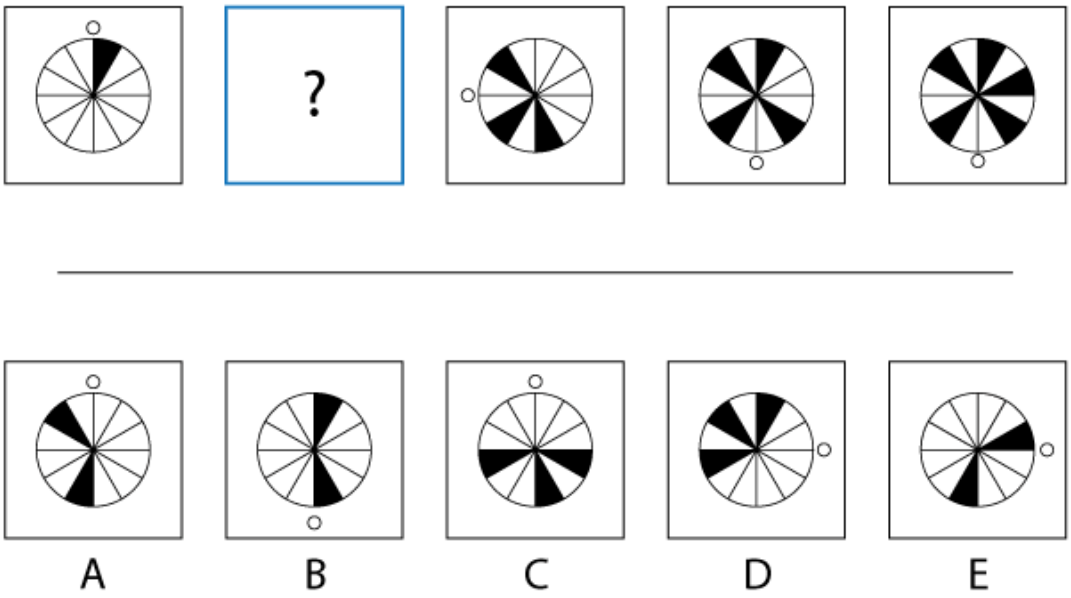
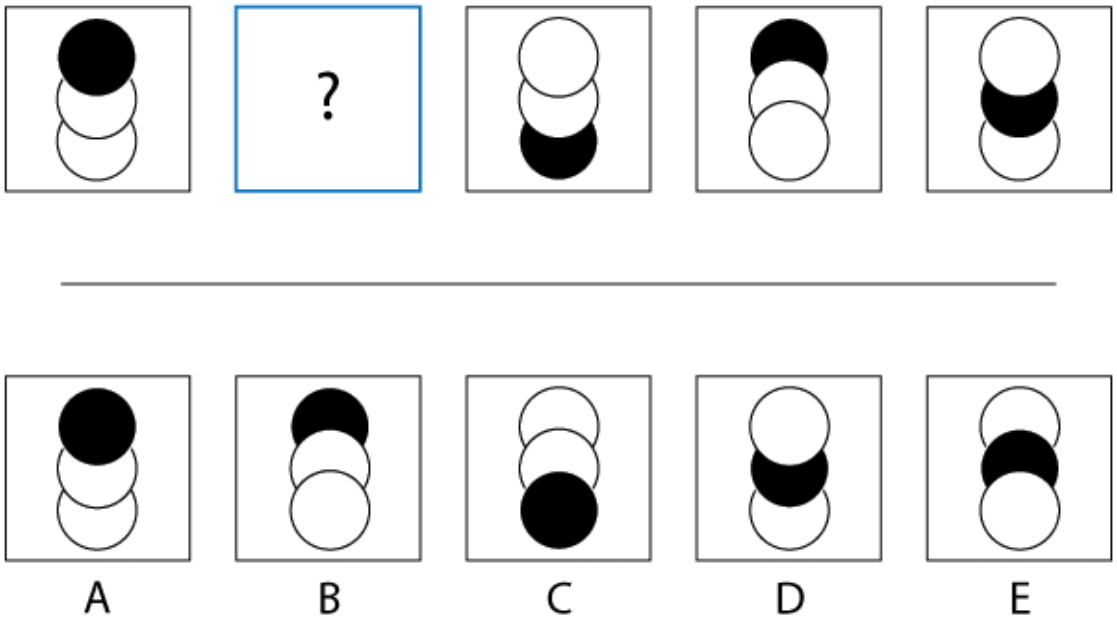


Q10 What replaces the question mark?

Rule 1: The total number of shaded segments increases by one each time. Rule 2: The small circle moves clockwise one quarter of the way round the large circle, then two quarters, then three quarters and so on.



Q11 What replaces the question mark?

Rule 1: The circle alternate between moving from foreground to background and vice versa.

Rule 2: The shaded circle moves down one place each time.

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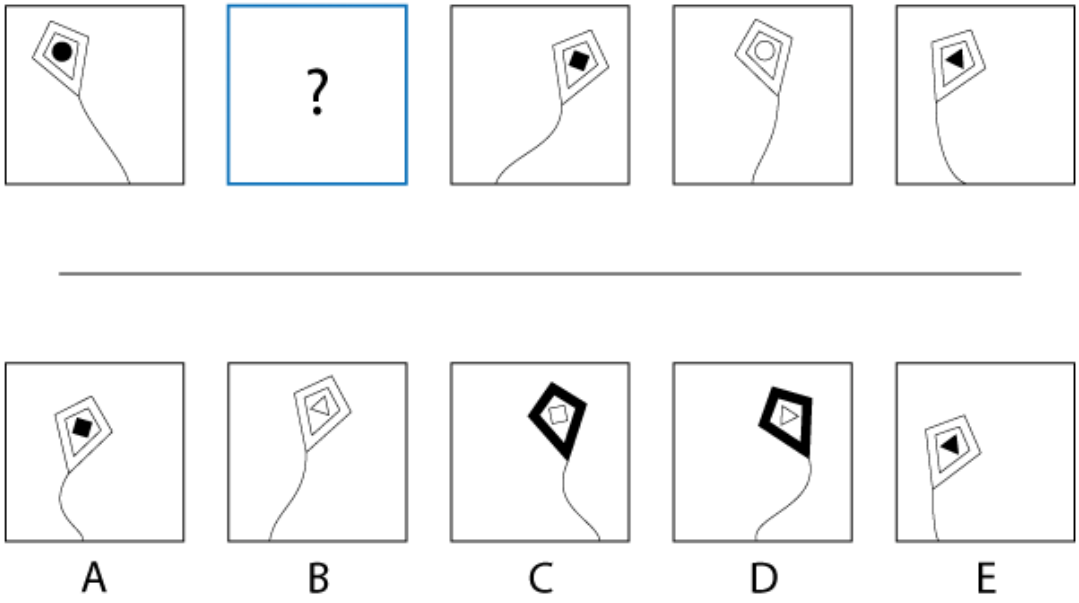
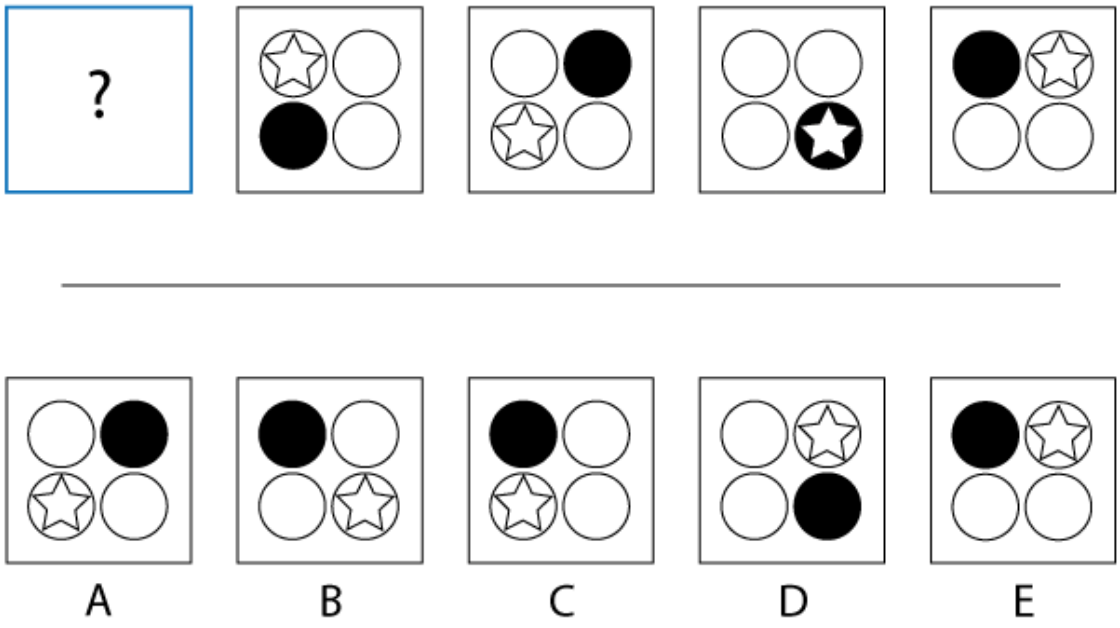


Q12 What replaces the question mark?

Rule 1: The shape in the kite alternates between circle, then triangle, then square, in that order. The pattern then repeats.

Rule 2: The shape in the kite alternates between shaded and unshaded.

Rule 3: The kite itself remains unshaded.



Q13 What replaces the question mark?

Rule 1: The star moves one place anticlockwise each time.

Rule 2: The shaded circle moves down one place each time and then begins again on the next column.

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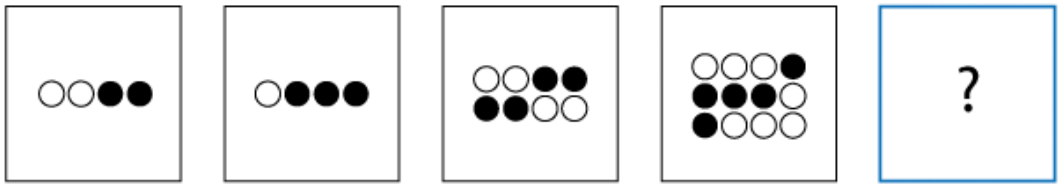
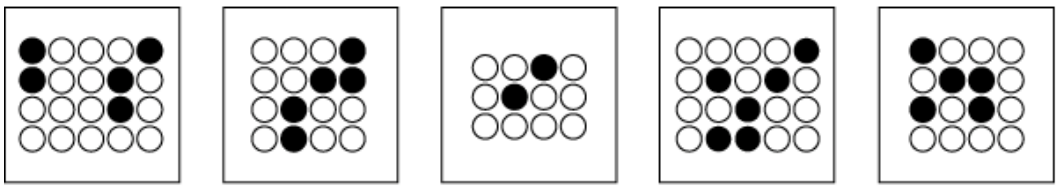
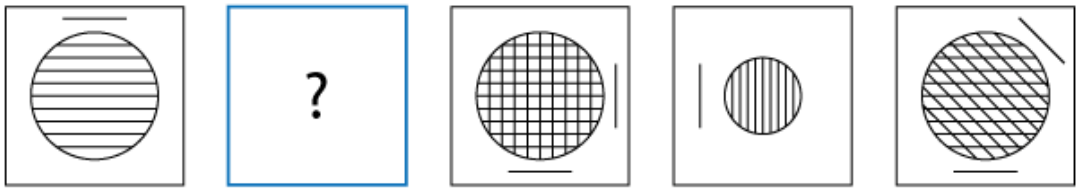


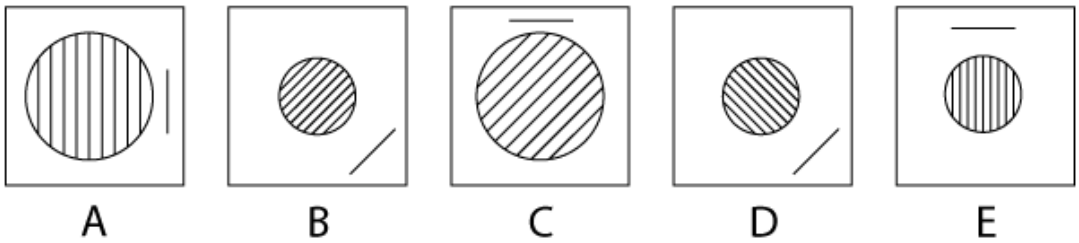


Q14 What replaces the question mark?

Rule 1:The total number of circles is equal to the total number of circles in the previous two boxes.

Rule 2:The total number of shaded circles increases by one each time.





Q15 What replaces the question mark?

Rule 1:The circle alternates between being large and small.
Rule 2:The lines inside the circle run parallel to the line(s) outside of the circle.

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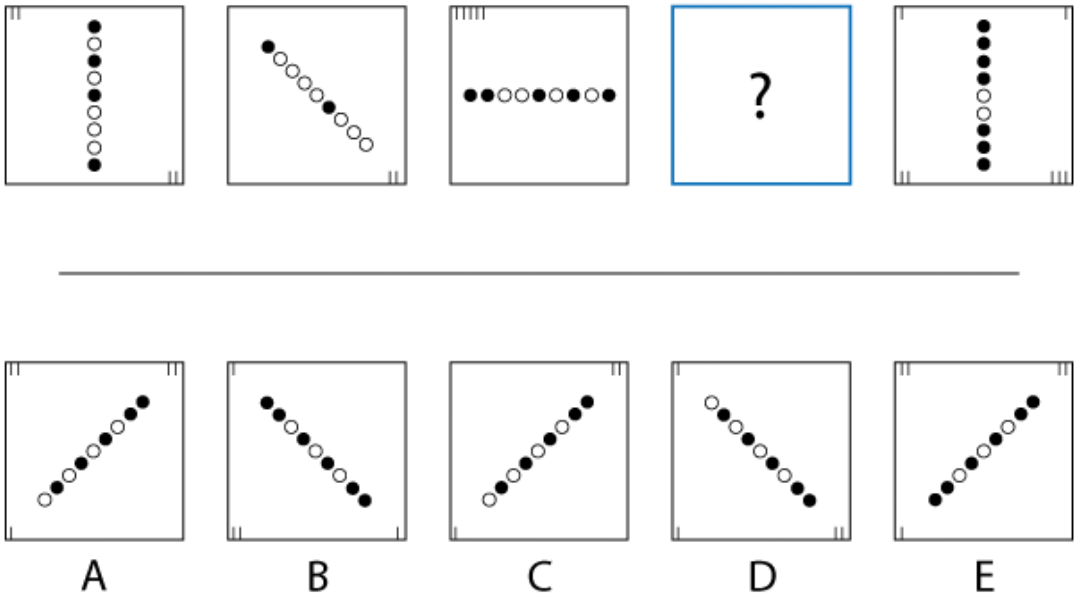
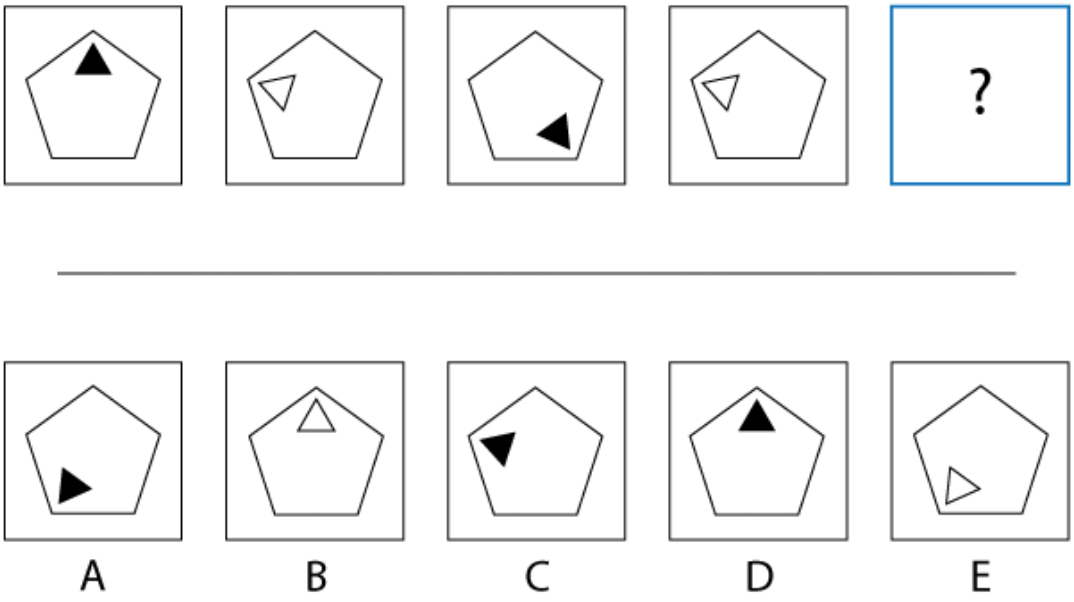


Q16 What replaces the question mark?

Rule 1: The pattern of circles rotates 45˚ counterclockwise each time.

Rule 2:The total number of shaded circles is always equal to the total number of notches in that box.



Q17 What replaces the question mark?

Rule 1: The triangle rotates one place counterclockwise, then two places, then three places and so on.

Rule 2: The triangle alternates between shaded and unshaded.

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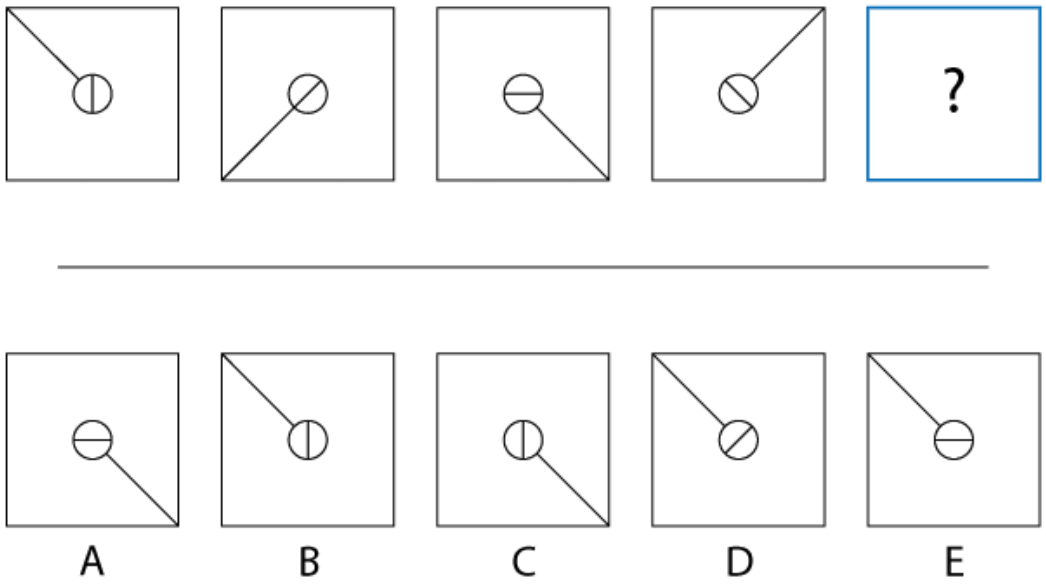
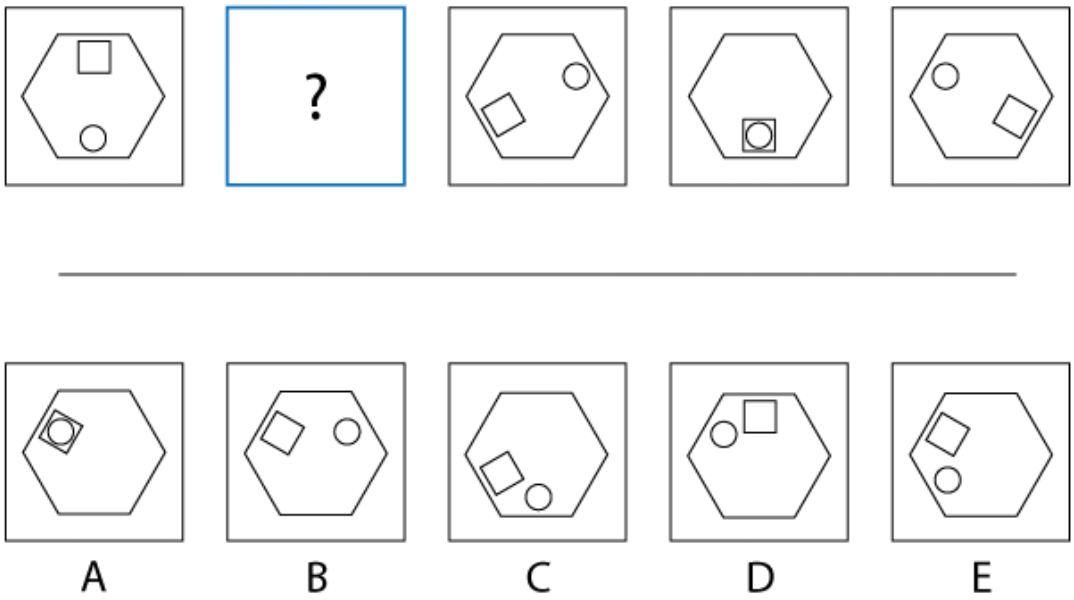


Q18 What replaces the question mark?

Rule 1: The circle rotates 45° clockwise each time.

Rule 2: The large line moves counterclockwise to the next corner each time.



Q19 What replaces the question mark?

Rule 1: The circle moves two places clockwise around the hexagon each time.

Rule 2: The square moves one place counterclockwise around the hexagon each time.

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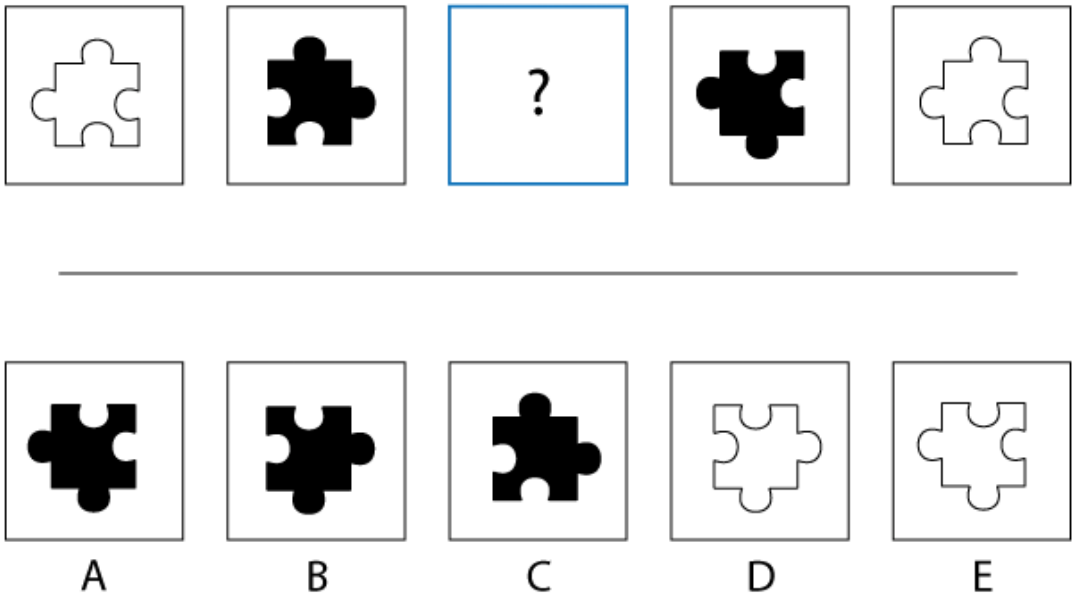
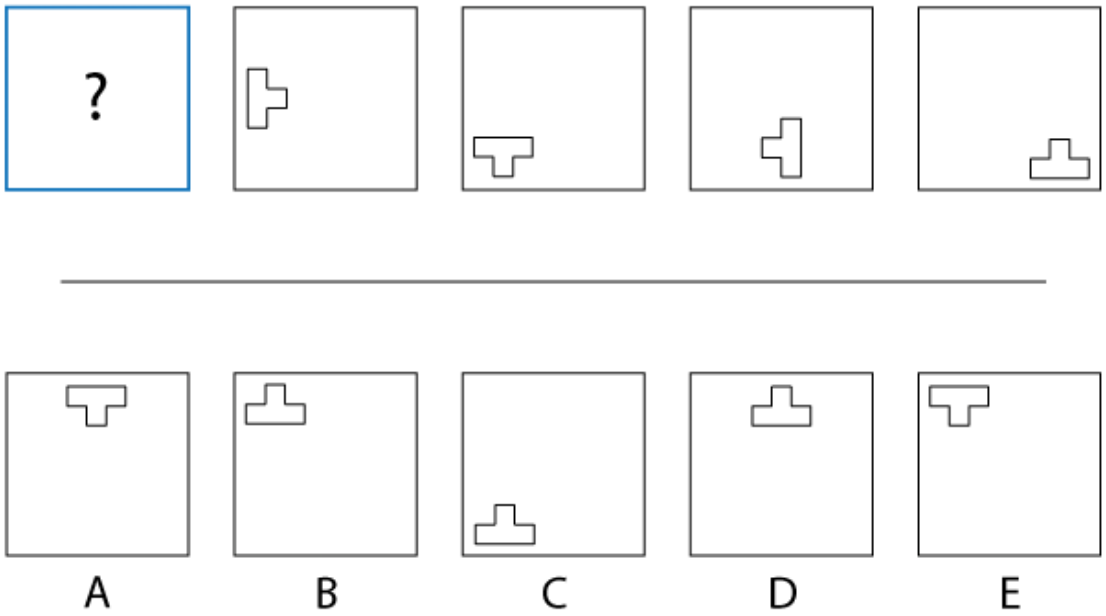


Q20 What replaces the question mark?

Rule 1: The jigsaw piece alternates between shaded and unshaded. Rule 2:

The jigsaw piece rotates 90˚ clockwise each time.



Q21 What replaces the question mark?

Rule 1: The shape moves one place counterclockwise around the box. Rule 2:

The symbol rotates 90˚ clockwise each time.

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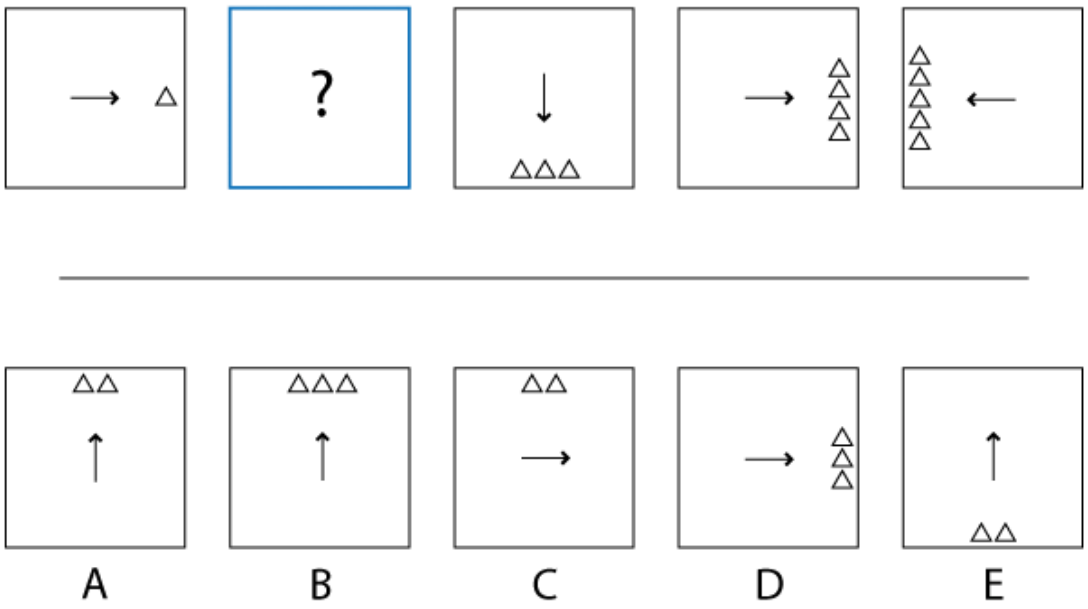
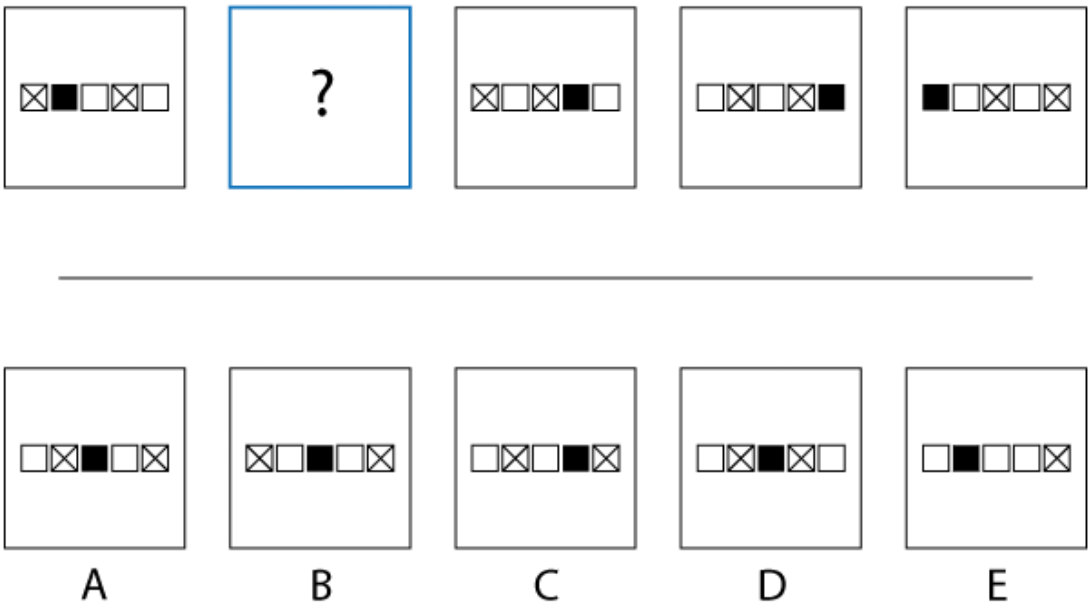


Q22 What replaces the question mark?

Rule 1: The total number of triangles increases by one each time.

Rule 2: The arrow indicates which side of the box the triangles are located.



Q23 What replaces the question mark?

Rule 1: The shaded square moves one place to the right each time. Rule 2: The two crossed squares move one place to the right each time.

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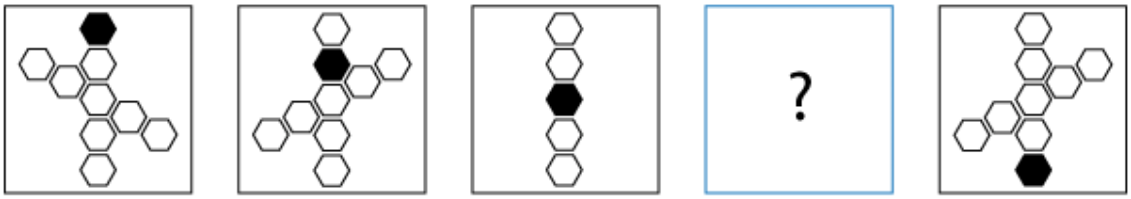
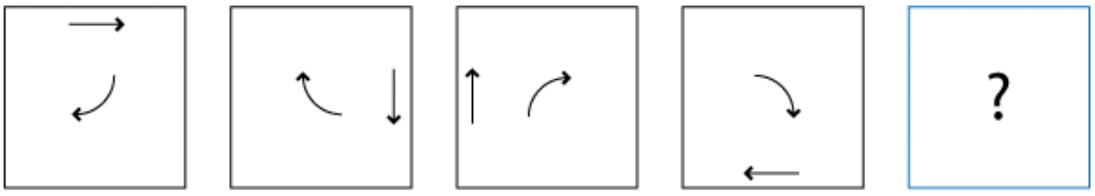
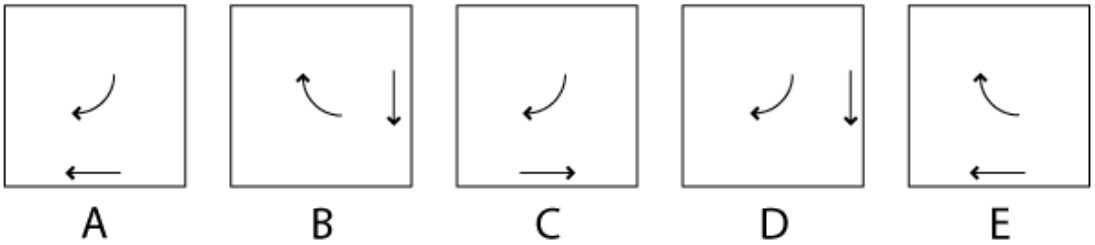


Q24 What replaces the question mark?

Rule 1: The angled row of hexagons rotates one place counterclockwise around the vertical row of hexagons each time.

Rule 2: The shaded hexagon moves down one place each time.





Q25 What replaces the question mark?

Rule 1: The central arrow rotates 90˚ clockwise each time.

Rule 2: The straight arrow moves one place, then two places, then three places clockwise and so on around the box.

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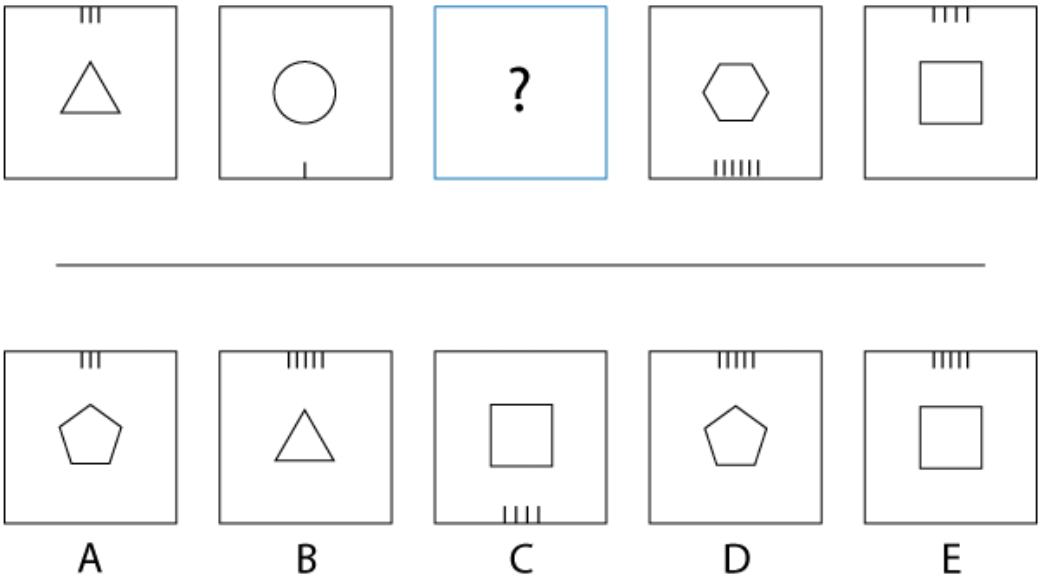
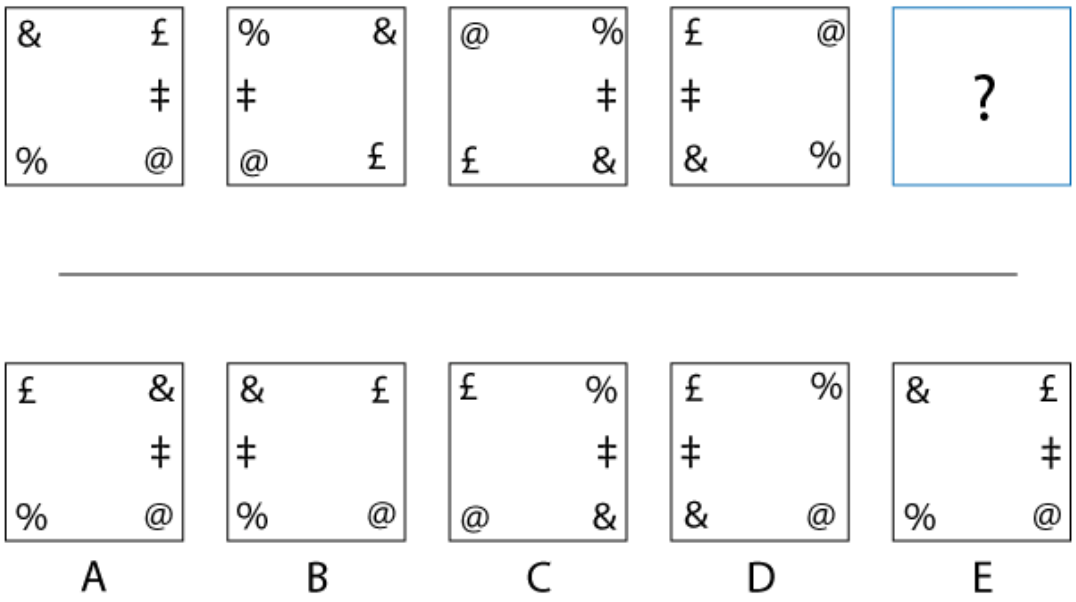


Q26 What replaces the question mark?

Rule 1:The notches alternate between being at the top and the bottom of the box. Rule 2: The total number of notches is equal to the total number of edges on the shape in that box.



Q27 What replaces the question mark?

Rule 1: The '‡' symbol alternates between the right hand and left hand side of the box.

Rule 2: The other shapes moves one place clockwise to the next corner each time.

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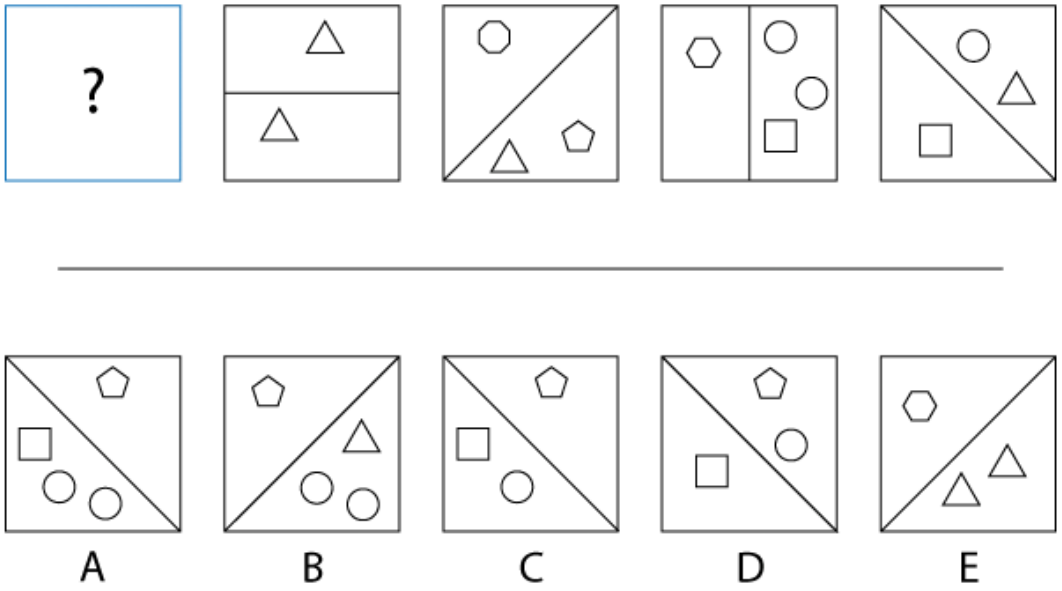
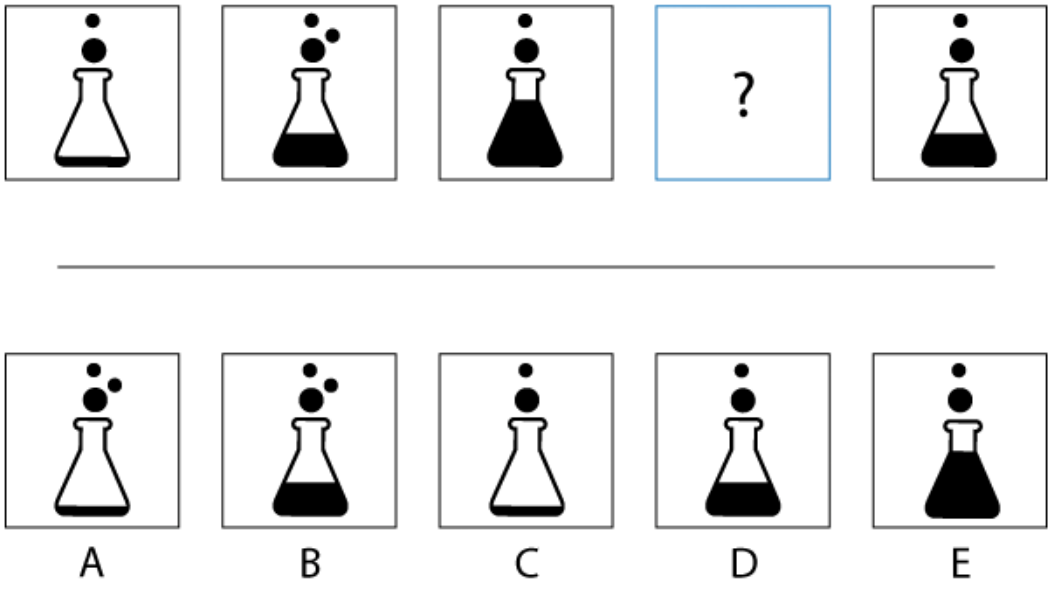


Q28 What replaces the question mark?

Rule 1: The line in the box rotates 45˚ counterclockwise each time.
Rule 2: The total number of edges on the shapes in each half of the box is the same.



Q29 What replaces the question mark?

Rule 1: The flask goes from empty to half full to full, and then the pattern repeats. Rule 2: The total number of bubble alternates between two and three.

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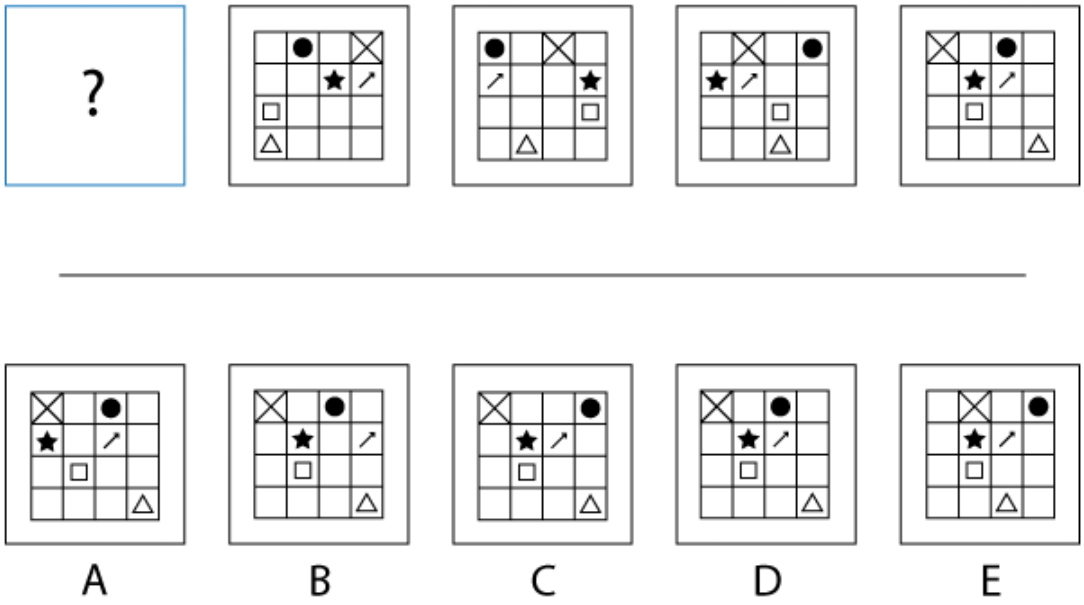

Q30 What replaces the question mark?

Rule 1: Each shape in the first and third rows moves one place to the left each time.

Rule 2: Each shape in the second and fourth rows moves one place to the right each time.

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