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Agniveer Vayu
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Memory Based Paper
(Group Y) 20 Jan 2023

50 Questions

Que. 1 **Directions: Four words have been given and one of those words is correctly spelt. Identify the word with the correct spelling and mark the correct answer.**

1. Conscience
2. Consience
3. Consciense
4. Counscience

Correct Option - **1**

Que. 2 Select the most appropriate meaning of the given idiom.

To read between the lines

1. to understand the implied meaning
2. to completely misunderstand the meaning
3. to read with great difficulty
4. to critically analyse a piece of writing

Correct Option - **1**

Que. 3 **Select the most appropriate synonym of the given word.**

Novice

1. Expert
2. Beginner
3. Adept
4. Silent

Correct Option - **2**

Que. 4 **Directions:** Choose the **antonym** of the word

Capricious.

1. Stable
2. mutable
3. variable
4. mercurial

Correct Option - **1**

Que. 5 **Given here are four jumbled sentences. Pick the option that gives the correct order.**

A. I am in a grand restaurant called Haaland plaza.
B. And I am going to go for the Glaze crunch Salad,
C. I ordered this because of its ridiculous name.
D. while sipping I am looking at the menu

1. ADBC
2. BDAC

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3. BDCA

4. CDBA

Correct Option **- 1**

Que. 6 | **DIRECTIONS: In the given sentence there might be an error. Find out which part of the sentence has an error. If there is no error, mark your answer as (d) i.e. 'No error'.**

Scarcely had I (a)/ started reading the paper (b)/ then the doorbell rang (c)/. No Error (d)

1. (a)

2. (b)

3. (c)

4. (d)

Correct Option **- 3**

Que. 7 | **Direction: The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

I am hopeful / that India will / win gold / in the Olympics this time.

1. in the Olympics this time.

2. I am hopeful

3. that India will

4. win gold

Correct Option **- 1**

Que. 8 | **Direction: Identify the underlined part of the sentence that is not grammatically correct.**

Hardly had I **completed** the syllabus **then** the **examination started**.

1. completed

2. then

3. examination

4. started

Correct Option **- 2**

Que. 9 | **Change the given sentence from Active to Passive Voice:**

Close the door.

1. The door should be closed.

2. Let the door be closed.

3. Let us close the door.

4. We should let the close be closed.

Correct Option **- 2**

Que. 10 | **DIRECTIONS:** Change the following sentence into reported speech and mark the correct option among the choices given.

I said to him, "your brother is a brave boy".

1. I told him that his brother was a brave boy.

2. I told him that you brother was a brave boy

3. I asked him that his brother was a brave boy

4. I inquired him that his brother was a brave boy

Correct Option - **1**

| Que. 11 | Direction: Fill in the blanks with the simple past tense of the verb from the given options: |

We _____ the Channel yesterday.

1. crosses

2. crossed

3. cross

4. were crossing

Correct Option - **2**

| Que. 12 | Choose appropriate conjunctions for the given sentence: |

_____ you like it ____ not, I will come to your house again this evening.

1. Whether, or

2. Whether, nor

3. After, as

4. Though, that,

Correct Option - **1**

| Que. 13 | Directions: Fill in the blanks in the following sentences with the help of options that follow. |

I _____ like a log if my mother had not turned off the air-conditioner.

1. would have slept

2. would sleep

3. would slept

4. would had slept

Correct Option - **1**

| Que. 14 | Fill in the blank by choosing the part of speech that grammatically completes the given sentence. |

He was ashamed _____ behaving so badly.

1. to

2. of

3. by

4. with

Correct Option - **2**

| Que. 15 | What would be the verb form of the word 'acquirement'? |

1. Acquirely

2. Acquiringly

3. Acquiry

4. Acquire

Correct Option **- 4**

Que. 16 In each of these questions, choose the option which can be substituted for the given words/sentence.

A child who stays away from school without leave or explanation

1. Truant
2. Cynic
3. Martinet
4. Acquiescent

Correct Option **- 1**

Que. 17 **Directions: Read the following passage and answer the given questions:**

Bringing up the baby is now a science and fine art! Most of the maternal grandparents would agree with this statement. My mother lost fifteen kilos in six months when my son was born, and I gained that as much. Both ways it was because of the anxiety and shared responsibility. My female colleague's welcome retirement when their daughter is ready to deliver or had just delivered. They most often befriend young, experienced mothers and spend long counselling sessions with them collecting tips on how to tackle a crisis. It is a funny sight to see grey-haired women browsing "Bringing up Baby" books at the local bookstore. One tends to think about what they did with their own offspring. Ask them and pat comes to the reply "it was so easy then. They grew up on their own". The mother may wear many hats at the same time. But to her or her parents, the mind-boggling thing for the first few years is diaper changes, circadian rhythm and <u>continual</u> feeding. At home social life is taboo. Phone calls give the cause for irritation, music becomes noise, friends and relatives become total strangers, the domestic help a spirit of mercy and the paediatrician a fairy godmother. Raising a kid is akin to guerilla warfare and if you hear a woman say that her baby 'is beautiful and perfect and an angel' all the time, then she is the grandma.

What is the main topic discussed in the passage?

1. Raising a child cannot be both a science and an art.
2. The challenges and responsibilities of raising a baby.
3. Parents can provide their children with the best possible start in life.
4. To be creative and intuitive in problem-solving and finding solutions to difficult situations.

Correct Option **- 2**

Que. 18 Select the most appropriate SYNONYM of the given word.
"CONTINUAL"

1. Irregular
2. Uninterrupted
3. Occasional
4. Unsteady

Correct Option **- 2**

Que. 19 How do maternal grandparents often handle the challenges of raising a baby?

1. Maternal grandparents hardly provide emotional support for the parents.
2. by adjusting to a new routine and schedule.
3. by befriending young, experienced mothers and spending long counselling sessions.

4. by balancing their own needs and desires with those of their grandchildren.

Correct Option - **3**

Que. 20 What does the author say about a woman who always says that her baby is beautiful, perfect, and an angel?

1. A woman always says that her baby is beautiful, perfect, and an angel, and then she is the mother.
2. A woman always says that her baby is beautiful, perfect, and an angel, and then she is the daughter.
3. A woman always says that her baby is beautiful, perfect, and an angel, and then she is the granddaughter.
4. A woman always says that her baby is beautiful, perfect, and an angel, and then she is the grandma.

Correct Option - **4**

Que. 21 Who is the founder of Samkhya school of philosophy?

1. Kapila
2. Gautama
3. Jaimini
4. Patanjali

Correct Option - **1**

Que. 22 The revolver was invented by _____.

1. John Browning
2. Henry Deringer
3. Theodor Bergmann
4. Samuel Colt

Correct Option - **4**

Que. 23 Which country is also known as 'Land of Midnight Sun'?

1. Greenland
2. Iceland
3. Ireland
4. Norway

Correct Option - **4**

Que. 24 In which part of the Constitution of India the Fundamental Duties are enshrined?

1. Part V
2. Part II
3. Part IV A
4. Part VI

Correct Option - **3**

Que. 25 Karolina Bielawska belongs to which of the following country?

1. Germany
2. Spain

3. France

4. Poland

Correct Option - 4

Que. 26   Who has become the first-ever female President of Hungary?

1. Kaja Kallas

2. Maia Sandu

3. Katalin Novak

4. Sanna Marin

Correct Option - 3

Que. 27   In MICR, 'I' stands for?

1. Ink

2. Iron

3. Itallic

4. None of the above

Correct Option - 1

Que. 28   A rectangular grassy plot is 112 m long and 78 m broad. It has a travel path 2.5 m wide all around it on the sides. Find the area of the path.

1. $825 \, \text{m}^2$

2. $725 \, \text{m}^2$

3. $925 \, \text{m}^2$

4. $900 \, \text{m}^2$

Correct Option - 3

Que. 29 $\frac{3}{5}$ of $\frac{4}{7}$ of $\frac{5}{9}$ of $\frac{21}{24}$ of $504 = ?$

1. 94

2. 115

3. 168

4. 84

Correct Option - 4

Que. 30   If $\frac{\tan\theta + \sin\theta}{\tan\theta - \sin\theta} = \frac{k+1}{k-1}$, then k = ?

1. $\cos\theta$

2. $\sec\theta$

3. $\sin\theta$

4. $\csc\theta$

Correct Option - 2

Que. 31 In an examination, 40% of students failed in English, 20% failed in math. If 10% of the students failed in both these subjects, then what percentage of students passed in both the subject?

1. 50%
2. 40%
3. 30%
4. None of these

Correct Option **- 1**

Que. 32 A man travelled from a point A to B at the rate of 25 Kmph and walked back at the rate of 4 Kmph. If the whole journey took 5 hrs 48 minutes, the distance between A and B is

1. 30 km
2. 24 km
3. 20 km
4. 51.6 km

Correct Option **- 3**

Que. 33 If 9 books are purchased at Rs.18 and sold at Rs 20, then the profit % is

1. 11
2. $11\frac{1}{9}$
3. 12
4. $12\frac{1}{9}$

Correct Option **- 2**

Que. 34 The value of $4 - \cfrac{5}{1+\cfrac{1}{3+\cfrac{1}{2+\frac{1}{4}}}}$ is

1. $\frac{31}{40}$
2. $\frac{1}{8}$
3. $\frac{40}{9}$
4. $\frac{40}{31}$

Correct Option **- 2**

Que. 35 Three cubes of volumes 1 cm^3, 216 cm^3 and 512 cm^3 are melted to form a new cube. What is the diagonal of the new cube?

1. $3\sqrt{13}$
2. $9\sqrt{3}$
3. $8\sqrt{2}$
4. $5\sqrt{3}$

Correct Option **- 2**

Que. 36 Figure X is Hidden in the option figures. Find the Correct option.

(X)
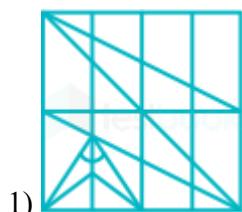
1)
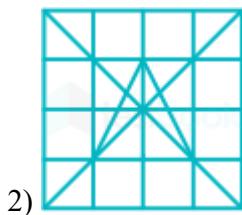
2)
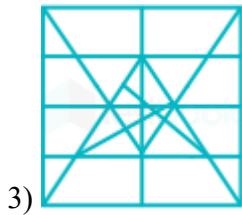
3)
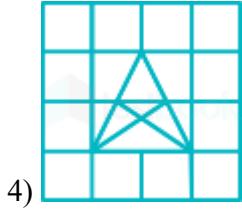
4)

1. A
2. B
3. C
4. D

Correct Option - **2**

Que. 37 Each of the following Questions consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures a, b, c and d constitute the Answer Set. There is a definite relationship between figures (1) and (2). Establish a similar relationship between figures (3) and (4) by selecting a suitable figure from the Answer set that would replace the Question mark (?) in fig.(4).


(1)　　　　(2)　　　　(3)　　　　(4)

(a)   (b)   (c)   (d)

1. A
2. B
3. C
4. D
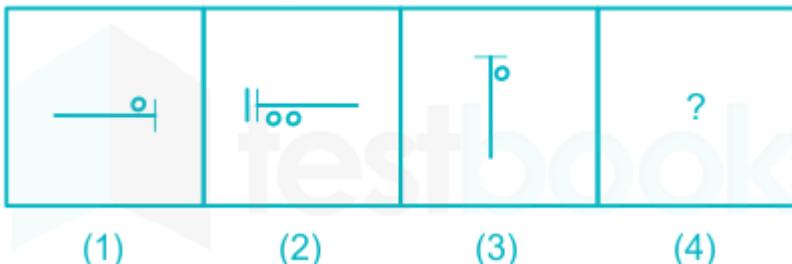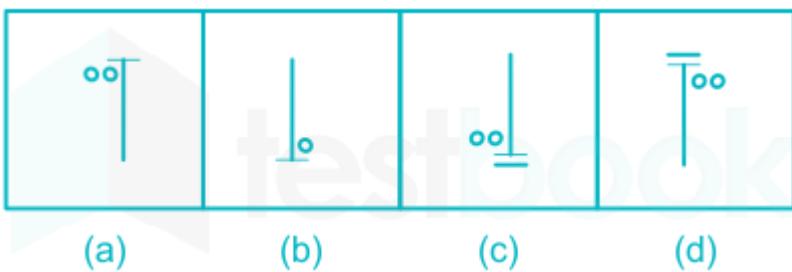
Correct Option - **3**

Que. 38 Which of the following diagram represents Mammals, Cows and Crows?

1.

2.

3.

4.

Correct Option - **2**

Que. 39 Geeta walks 6 km towards North, then she turns left and walks 8 km, then finally she turns left and walks 6 km. How far is she now from her starting point?

1. 6 km
2. 8 km
3. 10 km

4.   14 km

Correct Option - **2**

Que. 40 Q is the mother of R and P. R is the only son of S. How is P related to R?

1.   Brother
2.   Sister
3.   Daughter
4.   Mother

Correct Option - **2**

Que. 41 Which two numbers need to be interchanged to make the given equation correct?

24 + 96 - 36 ÷ 6 × 18 = 108

1.   24 and 18
2.   24 and 96
3.   18 and 96
4.   6 and 18

Correct Option - **4**

Que. 42 Choose the figure which is different from the rest.
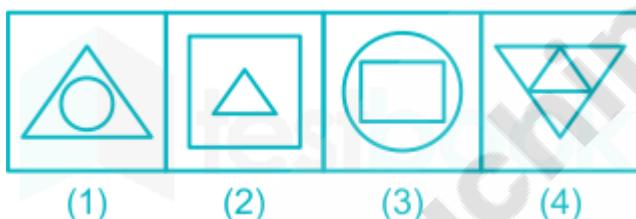
1.   1
2.   2
3.   3
4.   4

Correct Option - **4**

Que. 43 Select the figure which does NOT belong to the group.
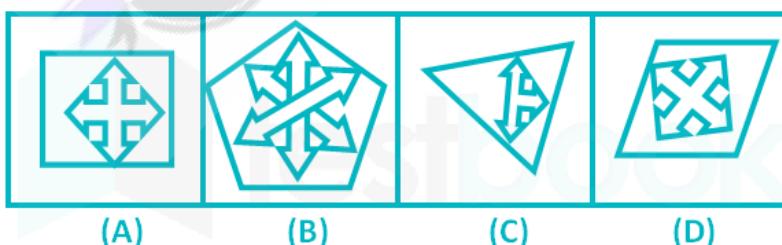
1.   A
2.   B
3.   D
4.   C

Correct Option - **2**

Que. 44 Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1. Ornaments

2. Gold

3. Goldsmith

4. Jewellery shop

5. Bride

　1.　　4, 2, 5, 3, 1

　2.　　2, 5, 4, 3, 1

　3.　　2, 4, 5, 1, 3

　4.　　2, 3, 1, 4, 5

Correct Option - **4**

Que. 45 Six friends A, B, C, D, E and F are sitting around a round table facing the centre. C is seated between A and B, and facing E. If B is sitting to the immediate left of D, who is facing F?

　1.　　E

　2.　　A

　3.　　D

　4.　　B

Correct Option - **4**

Que. 46 In a code language, 'DOUBLE' is written as 'VPEFMC'. How will 'CLIQUE' be written in that language?

　1.　　KNDFVR

　2.　　JMDGVQ

　3.　　JMDFVR

　4.　　JMDFVS

Correct Option - **3**

Que. 47 W introduced herself to U by saying that you are the daughter-in-law of my husband's father's wife. How are U and W related to each other?

　1.　　U is W' s husband's brother's wife

　2.　　U is W's husband's sister

　3.　　W is U's husband's sister

　4.　　W is U's brother's wife

Correct Option **- 1**

Que. 48 If '+' means '÷', '÷' means '-', '-' means '×', '×' means '+', then (12 + 4 × 2) × 6 - 4 ÷ 2 = ?

　1.　　　24

　2.　　17

　3.　　14

　4.　　27

Correct Option **- 4**

Que. 49 | Select the number that can replace the question mark (?) in the following series.
600, 120, 30, 10, 5, ?

1. 3
2. 4
3. 2
4. 5

Correct Option **- 4**

Que. 50 | Which of the following Venn diagram best represents the relationship between Europe, Paris and France?

1.

2.

3.

4.

Correct Option **- 1**