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AGNIVEER VAYU (Group Y)

**Memory Based Paper
(Other than Science) 27 July
2022**



50 Questions

Que. 1 **Directions:** A word is given followed by four options. Select the option which explains the meaning of the word and mark the answer.

Calculative

1. compute
2. unwise
3. thoughtless
4. indiscreet

Correct Option - 1

Que. 2 **Directions:** A word is given followed by four options. Select the option which explains the meaning of the word and mark the answer.

Nostalgia

1. Feeling illness
2. Longing for the past
3. Primitive dance
4. Simple song

Correct Option - 2

Que. 3 **Select the correct indirect speech.**

Foden said to Haaland, "I have seen the coach today"

1. Foden told Haaland that he has seen the coach that day.
2. Foden told to Haaland that he had seen the coach that day.
3. Foden said Haaland that he had seen the coach that day.
4. Foden told Haaland that he had seen the coach that day.

Correct Option - 4

Que. 4 **In the following question, out of the four alternatives, choose the one which can be substituted for the given words/sentence.**

A person who is devoted to eating and drinking in excess.

1. Glutton
2. Gusto
3. Plume
4. Plummet

Correct Option - 1

Que. 5 **Choose the most appropriate option and fill in the blank.**

The Verb form of 'Satisfactory' is _____.

1. Satisfy
2. Satisfying
3. Satisfied
4. Satisfaction

Correct Option - 1

Que. 6 Select the correctly spelled word:

1. Bredle
2. Feasible
3. Prohibision
4. Yok

Correct Option - 2

Que. 7 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

The butterfly spent the rest of _____ life unable to fly.

1. it
2. its
3. their
4. one's

Correct Option - 2

Que. 8 Select the correctly spelt word.

1. Hiearchy
2. Hierarky
3. Hierarchy
4. Hirarchy

Correct Option - 3

Que. 9 Direction: Select the most appropriate option to fill in the blank.

We should abide _____ the laws and regulations of our country.

1. from
2. with
3. by
4. on

Correct Option - 3

Que. 10 Directions: Choose the word that is opposite in meaning to the given word.

Prudent

1. Perspicacious
2. Polarize
3. Indiscreet
4. Canny

Correct Option - 3

Que. 11 Select the correctly spelt word:

1. Begining
2. Soldier
3. Guidance
4. Shinning

Correct Option - 2

Que. 12 Select the most appropriate ANTONYM of the given word.

REPULSIVE

1. obstinate
2. attractive
3. assertive
4. offensive

Correct Option - 2

Que. 13 **Direction:** Choose the most appropriate answer and fill in the blanks.

The adjective form of 'Decide' is _____.

1. Decisive
2. Decision
3. Decisively
4. Decides

Correct Option - 1

Que. 14 **Directions:** Choose the correct article from the given options and mark the appropriate option.

Saina Nehwal is _____ badminton player.

1. a
2. an
3. the
4. No article

Correct Option - 1

Que. 15 **Direction:** Choose the correct alternative which can be substituted for the given sentence.

Mapping of earth and its formation

1. Geography
2. Lithography
3. Calligraphy
4. Pathology

Correct Option - 1

Que. 16 Select the word which means the same as the group of words given.

One who leaves one's country to settle in another

1. Citizen
2. Emigrant
3. Cosmopolitan
4. Foreigner

Correct Option - 2

Que. 17 Select the correct one word for the given group of words:

One who loves books.

1. Plagiarist
2. Bibliophile
3. Polyglot
4. Bibliophobe

Correct Option - 2

Que. 18 Change the given sentence into indirect speech.

I say to Candice, "Paris is the capital of France, while Dublin is the capital of Ireland."

1. I tell Candice that Paris is the capital of France, while Dublin had been the capital of Ireland.
2. I tell Candice that Paris is the capital of France, while Dublin is the capital of Ireland.
3. I tell Candice that Paris was the capital of France, while Dublin is the capital of Ireland.
4. I tell Candice that Paris is the capital of France, while Dublin was the capital of Ireland.

Correct Option - 2

Que. 19 Directions: Write Synonyms of words given in CAPITAL letters.

WANDERER

1. native
2. beggar
3. tramper
4. traveller

Correct Option - 4

Que. 20 Direction: Choose the word that is the same as the meaning of the given word.

Confiscate

1. Release
2. Seize
3. Produce
4. Exhibit

Correct Option - 2

Que. 21 If $x + (1/x) = 2$, then what is the value of $x^{64} + x^{121}$?

1. 0
2. 1
3. 2
4. -2

Correct Option - 3

Que. 22 Travelling at $4/5^{\text{th}}$ of his usual speed, a man is 15 minutes late. What is his usual time to cover the same distance?

1. 15 minutes
2. 1 hours
3. 75 minutes
4. 45 minutes

Correct Option - 2

Que. 23 In an exam, a student gets 20% marks and fails by 30 marks. A second student scores 32% marks but gets 42 marks more than the minimum passing marks. Find the passing percentage?

1. 25%
2. 30%
3. 28%
4. 22%

Correct Option - 1

Que. 24 The ratio of the speeds of A and B is 3 : 4. If A takes 15 min more than B to cover the same distance, how much time does B take to cover the distance?

1. 45 min
2. 60 min
3. 50 min
4. 40 min

Correct Option - 1

Que. 25 What is the probability of getting sum equal to either 3 or 5 while rolling two dices simultaneously?

1. $\frac{1}{2}$
2. $\frac{1}{3}$
3. $\frac{1}{4}$
4. $\frac{1}{6}$

Correct Option - 4

Que. 26 In 1 kg. mixture of sand and iron, 20% is iron. How much sand should be added so that the proportion of iron becomes 10% ?

1. 2 kg
2. 1.5 kg
3. 1 kg
4. 0.5 kg

Correct Option - 3

Que. 27 The selling price of an article is Rs. 356 at 11% loss. What should be its selling price if a shopkeeper wants to earn a profit of 11%.

1. Rs. 440
2. Rs. 444
3. Rs. 448
4. Rs. 454

Correct Option - 2

Que. 28 Two numbers are in the ratio of 15 : 11. If their HCF is 13, then the greater number is:

1. 195
2. 125

3. 175
4. 120

Correct Option - 1

Que. 29 Who among the following won the US Open 2021 women's single title?

1. Marina Stakusic
2. Rebecca Marino
3. Emma Raducanu
4. Leylah Fernandez

Correct Option - 3

Que. 30 What is the full form of USB that we associate with a USB drive ?

1. Universal Serial Bus
2. Unique Service Bus
3. Uniform Service Bus
4. Uniform Serial Bus

Correct Option - 1

Que. 31 _____ was the author of the book title "Wings of Fire".

1. Dr A.P.J Abdul Kalam
2. Mulk Raj Anand
3. Jawahar Lal Nehru
4. Maithili Sharan Gupt

Correct Option - 1

Que. 32 In which country, the Pegasus spyware has been developed?

1. Israel
2. Brazil
3. Russia
4. China

Correct Option - 1

Que. 33 Who was the first Indian to become Governor General of independent India?

1. Rajendra Prasad
2. Jawaharlal Nehru
3. Rajagopalachari
4. Vallabhbhai Patel

Correct Option - 3

Que. 34 What is the capital of Ukraine?

1. Chişinău
2. Bucharest
3. Minsk
4. Kyiv

Correct Option - 4

Que. 35 Which of the following is the Light Combat Aircraft of India?

- 1. Chetak
- 2. Tejas
- 3. Rudra
- 4. Dhruv

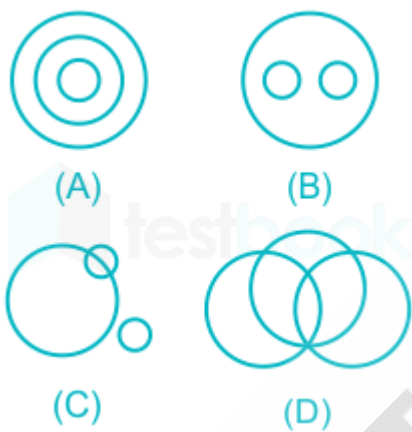
Correct Option - 2

Que. 36 If mirror image shows 4:20 in a 12 hrs clock, then what will be the actual timing?

- 1. 7:30
- 2. 7:44
- 3. 7:40
- 4. 7:45

Correct Option - 3

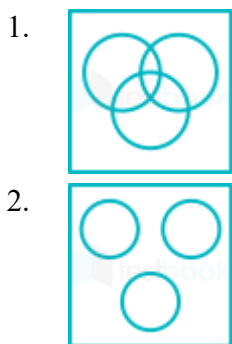
Que. 37 Choose the Venn diagram that best represents the three classes given in the question below:
Copper, Book, Wire

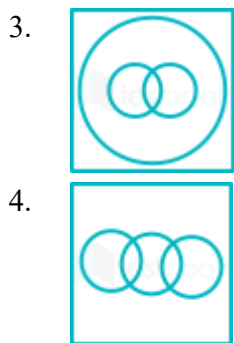


- 1. A
- 2. B
- 3. C
- 4. D

Correct Option - 3

Que. 38 Select the option that correctly represents the relationship among the following:
Smokers, Lawyers, Non-smokers





Correct Option - 4

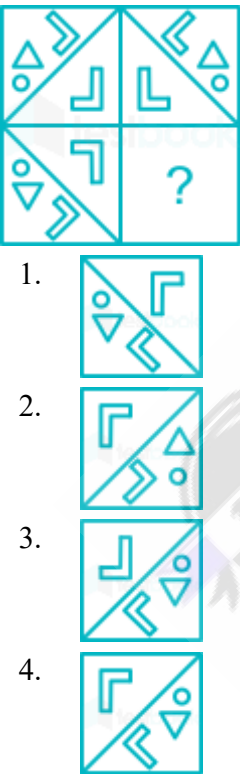
Que. 39 Select the number from among the given options that can replace the question mark (?) in the following series.

65, 70, 80, 80, 110, 100, ?

- 1. 161
- 2. 145
- 3. 130
- 4. 155

Correct Option - 4

Que. 40 Select a figure amongst the four alternatives that when placed in the blank space(?) of figure X will complete the pattern. (Rotation is not allowed).



Correct Option - 4

Que. 41 Shreya starts walking towards the north from her shop. She walks 15 m, then takes a right turn and walks 30 m. She now takes a left turn and walks 15 m, then again she takes a left turn and walks 15 m. Finally, she turns left again and stops after walking 15 m. In which direction is the end point with respect to the starting point? (all turns are 90° turns only)

- 1. North-west
- 2. South-east

- 3. South-west
- 4. North-east

Correct Option - 4

Que. 42 Study the different positions of a dice given below. Which numbers will occur on the face opposite to 4?



- 1. 3
- 2. 5
- 3. 1
- 4. 6

Correct Option - 3

Que. 43 Snigda said that she met her mother's only brother's son's mother's father-in-law. Whom did she meet?

- 1. Uncle
- 2. Grandfather
- 3. Father
- 4. Brother

Correct Option - 2

Que. 44 In a group of five girls, Komal is the shortest while Lisa is the tallest. Rohini is taller than Komal but shorter than Veena. Priya is the second shortest person girl in the group. Who is the second tallest girl in the group?

- 1. Veena
- 2. Lisa
- 3. Rohini
- 4. Priya

Correct Option - 1

Que. 45 In a certain code language JHMI is written as LPKM. How will YGAN be written in that code language?

- 1. QDKA
- 2. PDJC
- 3. QDJB
- 4. PEJB

Correct Option - 3

Que. 46 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

19 : 80 :: 23 : 96 :: 16 : ?

- 1. 76
- 2. 68

- 3. 70
 - 4. 62
- Correct Option - 2

Que. 47 Select the figure that will replace the question mark(?) in the following figures series.



- 1.
- 2.
- 3.
- 4.

Correct Option - 1

Que. 48 Which word cannot be formed from the letters of the word ADMINISTRATION using each letter only once?

- 1. SITUATION
- 2. STRAIN
- 3. TRADITION
- 4. RATION

Correct Option - 1

Que. 49 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

- c x Y L R g b

P

Q
- 1. q p R J Y x c
 - 2. d p R 7 Y x c
 - 3. d p R J Y x c
 - 4. d 6 R 7 Y x c

Correct Option - 3

Que. 50 Evaluate $8 + 2 \div 3 - 4 \times 6$, if $+$ means \div , \div means $-$, $-$ means \times and \times means $+$.

1. 0
2. 1
3. -2
4. 3

Correct Option - 3



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