



# AGNIVEER VAYU

Memory Based Paper  
Other than Science  
(Group Y) 01  
24 July 2022 (All Shifts)

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## 50 Questions

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**Que. 1** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

It is a pleasure (1)/ to meet a (2)/cheerful persons (3)/ No error (4)

1. No error
2. cheerful persons
3. It is a pleasure
4. to meet a

Correct Option - 2

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**Que. 2** **Direction:** Fill in the blank with appropriate word(s).

One who believes in no Government and therefore incites disorder in a state is called \_\_\_\_\_.

1. a Naxalite
2. an Autocrat
3. a Monarchist
4. an Anarchist

Correct Option - 4

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**Que. 3** Direction: In each of the following questions, groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word.

1. impromptue
2. illustrious
3. illusery
4. impetous

Correct Option - 2

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**Que. 4** The abstract noun of 'patient' is \_\_\_\_\_.

1. Illness
2. Patience
3. Disease
4. Sickness

Correct Option - 2

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**Que. 5** Select the most appropriate ANTONYM of the given word.

OPTIMISTIC

1. Option
2. Ophthalmology
3. Positive
4. Pessimistic

Correct Option - 4

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**Que. 6** Select the most appropriate meaning of the given idiom.

Draw the line at something

1. Coming to a conclusion
2. Making pencil sketches
3. Accept something up to a particular point
4. Agreeing to an idea

Correct Option - 3

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**Que. 7** A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

I promised my husband that I will cook food for him.

1. A promise was made by me to my husband that food will be cooked by me.
2. Food will be cooked by me was a promise I made to my husband.
3. I promised my husband that food will be cooked by me
4. My husband wanted a promise from me that I will cook the food.

Correct Option - 1

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**Que. 8** Choose the option that best expresses the meaning of the given idiom/phrase.

To fish in troubled waters

1. fishing in a storm
2. have trouble in catching fish
3. to hunt large fish and earn more profit
4. to make a personal profit out of a difficult situation

Correct Option - 4

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**Que. 9** Direction: Read the given passage and answer the questions that follow.

Many of us have enjoyed visiting a zoo and consider it a day out having fun. Seeing real animals face to face can be thrilling and exciting, but many people wonder whether the animals themselves while entertaining us, are suffering in the zoos. Many zoos do not have enough money to provide the animals with the basic features of a proper environment. Most animals are put in an artificial environment (e.g., cages). This isolation from their natural habitat can amount to cruelty. In some zoos, we see concrete floors for burrowing animals like rabbits. Cruelty may be shown in ways other than physical abuse or starvation.

Big predators like lions and tigers are created to chase and hunt. By depriving them of these activities, we forget the reason for which they have evolved. These big cats lie in cages in the zoo eating the food given to them and they have nothing else to do. Highly intelligent and curious animals like chimpanzees and polar bears may become frustrated in a zoo; they need a challenging environment.

Zoo supporters might argue that zoos provide educational opportunities to the visitors, especially children; if we didn't have animals in zoos, children wouldn't see them at all and be ignorant about them. We live at a time when animals in their natural habitat can be seen on TV or computers, even smartphones while sitting at home. Therefore, the aim should be to conserve animals in the wild, in protected areas called sanctuaries.

According to the passage, we visit zoos \_\_\_\_\_.

1. to watch the frustration of animals in cages
2. to see how animals behave in zoos
3. to spend a day out for fun and excitement
4. to see the animals in cages

Correct Option - 3

**Que. 10** Choose the word that can substitute the given sentence.

The custom of having more than one wife at the same time

1. Bigamy
2. Misogyny
3. Polygamy
4. None of these

Correct Option - 3

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**Que. 11** Fill in the blank with the most appropriate word.

They \_\_\_\_\_ football when it started raining.

1. play
2. are playing
3. have been playing
4. were playing

Correct Option - 4

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**Que. 12** According to the passage, animals in zoos suffer cruelty:

1. by being kept in artificial environments
2. by being physically tortured or abused
3. by being starved to death
4. by being forced to perform for the visitors

Correct Option - 1

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**Que. 13** Directions: Choose the correct synonym (word with similar meaning) of the head word from the four options given and mark the right option.

PONDER

1. evaluate
2. think
3. anticipate
4. increase

Correct Option - 2

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**Que. 14** Directions: Read the following information carefully and answer the given questions.

India has always been an utmost inspiration for the world at large for her fabulous wealth, both material and economic prosperity as well as her spiritual excellence. It brought here both traders and invaders along with preachers and seekers in search of truth and salvation. All of them came through land routes by undertaking long and hazardous journeys which put a lot of stress and strain on their physique and nerves. Thus, the troops of Alexander mutinied and refused to march beyond Beas because of their weariness and fatigue in fighting and homesickness. They had, therefore, to be perforce dispatched back. Many invading tribes like Khushans, Huns and Sakas in the ancient era and The Turks, and Mughals during the medieval age, however, chose to make this land their own home and absorbed themselves in the stream of her life. They attempted their best to bring more and more luster to her glory and enriched her culture, heritage and tradition.

Find out the word from the passage which means 'accomplishment'?

1. Lack
2. Prosperity

3. Failure
4. Stagnation

Correct Option - 2

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**Que. 15** People in the villages of Rajasthan lead a very simple life. Their way of living has not changed over the years. They live in circular huts. The walls of these huts are covered with cowdung. Every hut has a small place for worship. The life of these people is full of difficulties. It is very hot in summers and cold in winters. Water is a major problem. Sometimes they have to walk a long distance to get drinking water. For their agriculture they depend on rains. But these people are very brave. They have learnt to face difficulties and they never lose hope. They also like to enjoy their life. Women like to wear dresses full of bright colours. People living in villages in Rajasthan have a rich tradition of music and dance. The people of Rajasthan are very proud of their culture.

Which of the following is an adjective formed from the noun 'music'?

1. musician
2. musical
3. musically
4. musicality

Correct Option - 2

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**Que. 16** **Directions:** Read the following information carefully and answer the given questions.

India has always been an utmost inspiration for the world at large for her fabulous wealth, both material and economic prosperity as well as her spiritual excellence. It brought here both traders and invaders along with preachers and seekers in search of truth and salvation. All of them came through land routes by undertaking long and hazardous journeys which put a lot of stress and strain on their physique and nerves. Thus, the troops of Alexander mutinied and refused to march beyond Beas because of their weariness and fatigue in fighting and homesickness. They had, therefore, to be perforce dispatched back. Many invading tribes like Khushans, Huns and Sakas in the ancient era and The Turks, and Mughals during the medieval age, however, chose to make this land their own home and absorbed themselves in the stream of her life. They attempted their best to bring more and more luster to her glory and enriched her culture, heritage and tradition.

Find out the word from the text which means 'involving or exposing one to risk.'

1. Absorbed
2. Hazardous
3. Inspiration
4. Homesickness

Correct Option - 2

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**Que. 17** Select the most appropriate synonym of the given word.

Fatigue

1. Punish
2. Tiredness
3. Curious
4. Boast

Correct Option - 2

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**Que. 18** In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Rohan \_\_\_\_\_ for this company since 2007.

1. has been working
2. is working
3. had worked
4. worked

Correct Option - 1

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**Que. 19** Give one word for 'one who hates women'.

1. Misanthrope
2. Misogynist
3. Feminist
4. Effeminate

Correct Option - 2

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**Que. 20** **Direction:** In the following question out of the four alternatives, choose the one which can be a substitute for the given word/sentence.

One who eats everything

1. Omnivorous
2. Omniscient
3. Irresistible
4. Insolvent

Correct Option - 1

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**Que. 21** If  $\sin^4 x + \sin^2 x = 1$  then what is the value of  $\cot^4 x + \cot^2 x$  ?

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

Correct Option - 4

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**Que. 22** If Anuj walks at the speed of 4 km/hr, then he reaches his school 6 minutes late but if he walks at the speed of 5 km/hr, then he reaches 6 minutes before the scheduled time. What is the distance (in km) of his school from his house?

1. 4
2. 3
3. 6
4. 3.5

Correct Option - 1

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**Que. 23** Find LCM of  $(\frac{3}{8}, \frac{2}{6}, \frac{4}{7})$ .

1. 1/186
2. 16
3. 1/168
4. 12

Correct Option - 4

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**Que. 24** Successive discounts of 20% and 30% are equivalent to a single discount of

1. 40%
2. 35%
3. 44%
4. 42%

Correct Option - 3

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**Que. 25** The non terminating number  $0.\overline{235}$  is equal to

1.  $\frac{235}{900}$
2.  $\frac{235}{990}$
3.  $\frac{230}{990}$
4.  $\frac{233}{990}$

Correct Option - 4

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**Que. 26** Kapil purchase the cycle for 2000 Rs and sold it for 2100 Rs. then profit % is:

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

Correct Option - 3

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**Que. 27** If 391 is divided A, B and C in the ratio  $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$ , then A, B & C will be

1. 102, 136, 153
2. 110, 140, 160
3. 90, 102, 114
4. None of the above

Correct Option - 1

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**Que. 28** If A and B can complete a piece of work in 60 days and 20 days respectively. If both work together, then find the time taken by them to complete the work together.

1. 24
2. 15
3. 12
4. 20

Correct Option - 2

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**Que. 29** Mahatma Gandhi began his first Satyagraha at

1. Kheda
2. Bardoli
3. Champaran
4. Sabarmati

Correct Option - 3

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**Que. 30** How many seats in Rajya Sabha are from Uttar Pradesh?

1. 62
2. 29
3. 40
4. 31

Correct Option - 4

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**Que. 31** What is the state animal of Rajasthan?

1. Horse
2. Camel
3. Sheep
4. Lion

Correct Option - 2

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**Que. 32** What is the full form of NITI?

1. National Internal Trade Information
2. National Institution for Transforming India
3. National Integrated Treaty Institute
4. National Intellectual Training Institute

Correct Option - 2

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**Que. 33** Who has won the Wimbledon men's singles title in July 2022?

1. Rafael Nadal
2. Demitri Medvedev
3. Roger Federer
4. Novak Djokovic

Correct Option - 4

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**Que. 34** What is the name of the first Indian satellite?

1. Rohini
2. SLV-3
3. Aryabhata
4. Sputnik 1

Correct Option - 3

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**Que. 35** In December 2021, who has become the third player in the world to take all 10 wickets in an innings of the cricket match?

1. Ravichandran Ashwin
2. Tim Southee
3. Ajaz Patel
4. Asif Ali

Correct Option - 3

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**Que. 36** In a certain code language, BUT is written as DWV and LOW is written as NQY. How will CUP be written in that language?

1. RWE
2. EWR
3. UCP
4. PUC

Correct Option - 2

**Que. 37** In a certain code language, CHALLENGE is written as XSZOOVMTV. How will ASPIRATION be written in that language?

1. ZKHRZIGMLR
2. ZHKRIZGRLM
3. ZHKRIZMLRG
4. ZHKRIZMRLG

Correct Option - 2

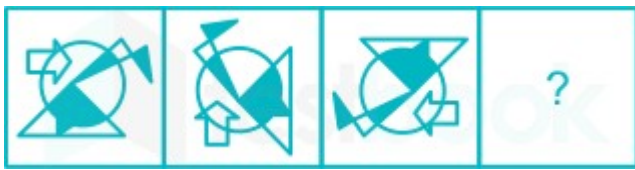
**Que. 38** In the following questions, select the wrong figure from the given series.



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

Correct Option - 2

**Que. 39** Select the figure that will replace the question mark (?) in the following figure series.



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

Correct Option - 1

**Que. 40** A paper is folded and cut as shown below. How will it appear when unfolded?



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

Correct Option - 1

**Que. 41** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



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

Correct Option - 3

**Que. 42** Select the figure from the options that can replace the question mark (?) and complete the pattern.



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

Correct Option - 1

**Que. 43** Rama ranks 16<sup>th</sup> from the top and 15<sup>th</sup> from the bottom in a certain examination. How many students are there in the class ?

1. 32
2. 33
3. 30
4. 31

Correct Option - 3

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**Que. 44** If Seema is taller than Yash; Aisha is taller than Seema; and Yash is taller than Wasim, who is the tallest among all?

1. Seema
2. Yash
3. Aisha
4. Wasim

Correct Option - 3

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**Que. 45** Neeraj pointed at a photo of a lady and said, "She is the daughter of my paternal grandfather's only son. What is the relation of Neeraj with the lady in the photo?"

1. Father
2. Father-in-law
3. Uncle
4. Brother

Correct Option - 4

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**Que. 46** If  $AT = 20$ ,  $BAT = 40$ , then  $CAT$  will be equal to

1. 30
2. 50
3. 60
4. 70

Correct Option - 3

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**Que. 47** If thrice A's age 6 years ago is subtracted from twice his present age, the result is his present age. What is the present age of A?

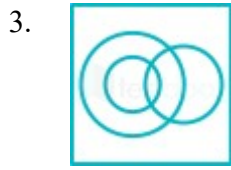
1. 9 years
2. 11 years
3. 17 years
4. 18 years

Correct Option - 1

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**Que. 48** Select the Venn diagram that best represents the relationship between the following set of classes.  
Mother, Female, Doctor

1. 
2. 



Correct Option - 3

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**Que. 49** Choose the correct alternative for the following:

$$8 : 27 :: 64 : ?$$

1. 216
2. 125
3. 25
4. 49

Correct Option - 2

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**Que. 50** If P means "Addition", Q means "Multiply", R means "Divide", S means "Subtraction", then what will be the value of the following expression?

$$18 R 9 P 2 Q 8 S 4$$

1. 18
2. 16
3. 14
4. 20

Correct Option - 3

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