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# **Agniveer Vayu Other than Science**

**Memory Based Paper**  
**(Group Y) 19 Jan 2023**



## 50 Questions

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**Que. 1** Some parts of the sentence have errors and some are correct. Find out which part has an error and mark that part as your answer. If there are no errors, mark 'No error' as your answer.

Hardly had he departed that the phone rang.

1. Hardly had
2. he departed that
3. the phone rang
4. No error

Correct Option - 2

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**Que. 2** Identify the part of the sentence which has an error in it. In case there is no error the answer will be (D).

Ram has an (A)/ large amount (B)/ of money. (C)/ No error (D)

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

Correct Option - 1

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**Que. 3** Select the segment in the sentence, which contains the grammatical error.

They had to wait for the luggages to be put into the cab before they themselves got into it.

1. They had to wait
2. before they themselves got into it
3. to be put into the cab
4. for the luggages

Correct Option - 4

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**Que. 4** Select the option that can be used as a one-word substitute for the given group of words.

A decision on which one cannot go back

1. Irrevocable
2. Improbable
3. Incredible
4. Incurable

Correct Option - 1

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**Que. 5** Choose the correctly spelt word.

1. Peirce
2. comfortable
3. Luxuries
4. Individual

Correct Option - 2

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**Que. 6** Select the most appropriate synonym of the given word.

STERN

1. strict
2. mild
3. lenient
4. gentle

Correct Option - 1

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**Que. 7** Direction: In the following questions, choose the word opposite in meaning to the given word.

Condemn

1. Castigate
2. Strut
3. Command
4. Commend

Correct Option - 4

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**Que. 8** Direction: Choose the most suitable answer to fill the blank:

If you had told me you needed a ride, I \_\_\_\_\_ earlier.

1. would have left
2. would have been left
3. will have left
4. will be leaving

Correct Option - 1

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**Que. 9** Direction: Choose the most effective word for the blank from the options given below.

Hardly had I reached my office \_\_\_\_\_ I got your message.

1. than
2. before
3. after
4. when

Correct Option - 4

---

**Que. 10** Choose the option with the appropriate question tag for the given sentence:

George has never been to India, \_\_\_\_\_

1. has he?
2. has George?
3. hasn't he?
4. hasn't George?

Correct Option - 1

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**Que. 11**    **Direction: Choose the option that best transforms the sentence into its other voice:**

We added up the money and found it was correct.

1. Adding up the money it was found it to be correct by us.
2. Adding up the money we found it to be correct.
3. The money was added up and found to be correct.
4. The money is added up by us and found to be correct.

Correct Option - 3

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**Que. 12**    **Direction: Choose the option that best transforms the sentence into its direct / indirect form:**

Can the children get tasty meals at school?

1. I asked if the children can be getting tasty meals at school.
2. I asked if the children could get tasty meals at school?
3. I asked if the children can they get tasty meals at school?
4. I asked if the children could get tasty meals at school.

Correct Option - 4

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**Que. 13**    Arrange the parts(1), (2), (3) and (4) of the following sentences to create meaningful sentences and choose the right option accordingly.

- 1) people think they're
- 2) Blackberry phones used to be
- 3) old-fashioned gadgets
- 4) extremely popular, but now many

1. 4, 3, 1, 2
2. 3, 1, 2, 4
3. 4, 1, 3, 2
4. 2, 4, 1, 3

Correct Option - 4

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**Que. 14**    **Given here are four jumbled sentence. Pick the option that gives the correct order.**

- A. One day, Maytags's company will create a product
- B. which will wash 660 million loads of laundry per week
- C. and become an empire worth 1.7 billion dollars,
- D. found in over 80 per cent of American households.

1. BADC
2. BDCA
3. ABDC
4. ABCD

Correct Option - 4

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**Que. 15**    Select the noun form of the given word:

Different

1. Difference
2. Differ
3. Differently
4. Differentness

Correct Option - 1

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**Que. 16** Direction: Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

No sooner did she see her teacher (A) / when she (B) / stopped copying. (C) / No error (D)

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

Correct Option - 2

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

Religion and science have often been viewed as having conflicting ideologies, with one relying on faith and the other on evidence. However, many argue that these two concepts can coexist and even complement each other. Religion can provide a moral framework and a sense of purpose, while science can explain the natural world and how it operates. One way in which religion and science can coexist is through the concept of intellect. Religion provides a moral framework and a sense of purpose, while science explains the natural world and how it operates. One example of this coexistence is in the study of the origins of the universe. Many religions have creation myths that describe how the world came to be, while science has the Big Bang theory. Both perspectives offer unique insights and understandings of the origins of the universe, and neither necessarily contradicts the other.

In conclusion, religion and science are not mutually exclusive. They can coexist and even complement one another, providing a deeper understanding of the world and our place in it. Both offer unique perspectives and insights, and neither necessarily contradicts the other. The key is to approach each with an open mind and a willingness to consider different perspectives.

What is the relationship between religion and science?

1. Religion and science have had a simple relationship throughout history.
2. Science is a systematic method for understanding the natural world.
3. Religion and science can coexist and even complement each other.
4. Science is seen as a threat to traditional religious beliefs.

Correct Option - 3

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**Que. 18** What is the key to approaching religion and science according to the passage?

1. Religion and science can both provide valuable insights and understanding.
2. The key is to approach each with an open mind and a willingness to consider different perspectives.
3. The key is to avoid conflating the two; religion and science are mutually exclusive.
4. Many religious beliefs are not in opposition to scientific facts and theories.

Correct Option - 2



**Que. 19** Select the most appropriate ANTONYM of the given word.  
"INTELLECT"

1. Genius
2. Wizard
3. Stupidity
4. Sage

Correct Option - 3

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**Que. 20** Give an example of how religion and science coexist in the study of the origins of the universe.

1. Many religions have creation myths, while science has the Big Bang theory.
2. Scientists have used telescopes and other observational techniques to study the history of the universe, while theologians have used scriptures.
3. The universe is believed to have been created by the god Brahma.
4. The big bang theory is a scientific explanation for the origins of the universe.

Correct Option - 1

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**Que. 21** Recently in July 2022, who amongst the following has won the Wimbledon men's title 2022?

1. Novak Djokovic
2. Nick Kyrgios
3. Bjorn Borg
4. Roger Federer

Correct Option - 1

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**Que. 22** Which movie has won the Best Feature Film award at the 68th National Film Awards announced in July 2022?

1. Tanhaji
2. KGF Chapter-1
3. Badhaai Do
4. Soorai Pottru

Correct Option - 4

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**Que. 23** Which Indian state is the largest by area?

1. Maharashtra
2. Uttar Pradesh
3. Rajasthan
4. Madhya Pradesh

Correct Option - 3

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**Que. 24** In which medium sound travels faster?

1. Solid
2. Liquid
3. Gas

4. None of these

Correct Option - 1

**Que. 25** Who is the current President of India?

- 1. Ram Nath Kovind
- 2. Droupadi Murmu
- 3. Jagdeep Dhankhar
- 4. M. Venkaiah Naidu

Correct Option - 2

**Que. 26** Where was the capital of Shivaji Maharaj?

- 1. Raigarh
- 2. Sindhudurg
- 3. Poona
- 4. Kolhapur

Correct Option - 1

**Que. 27** How many spokes are there in the Ashoka Chakra depicted on the National flag of India?

- 1. 36
- 2. 24
- 3. 16
- 4. 32

Correct Option - 2

**Que. 28** Select the figure that will come in place of the question mark (?) in the following figure series.



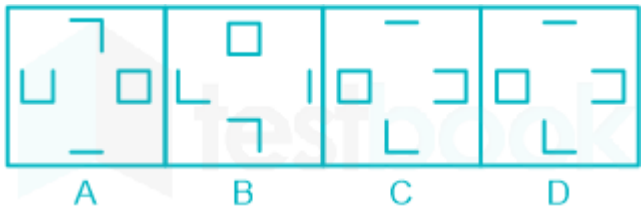
- 1.
- 2.
- 3.





Correct Option - 2

**Que. 29** Select the figure that does not belong in the following series.



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

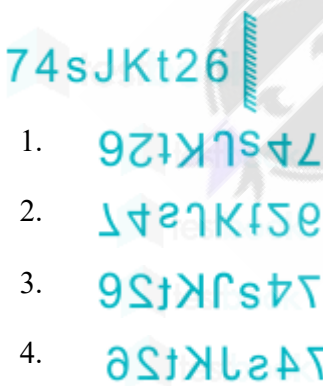
Correct Option - 3

**Que. 30** Five girls are sitting in a row. Rashi is not adjacent to Sulekha or Abha. Anuradha is not adjacent to Sulekha. Rashi is adjacent to Monika. Monika is at the middle of the row. Then, Anuradha is adjacent to whom out of the following?

- 1. Rashi
- 2. Abha
- 3. Monika
- 4. Sulekha

Correct Option - 1

**Que. 31** If a mirror is placed on the shaded line, then which of the following options is the mirror image of the given figure?



Correct Option - 4

**Que. 32** A paper is folded and cut as shown below. How will it appear when unfolded?



1.



2.



3.



4.



Correct Option - 2

**Que. 33** Pointing to a girl in a photo, Amitha said, "She is the sister of the son of the wife of my husband." How is the girl in photo related to Amitha?

1. Sister
2. Daughter
3. Niece
4. Sister-in-law

Correct Option - 2

**Que. 34** A lion prowled 900 m North from its den. It took a right turn and prowled 800 m. It, then took a right turn and prowled 700 m. It, again, took a right turn and prowled 600 m. Which direction is the lion facing now?

1. North
2. West
3. East

4. South

Correct Option - 2

**Que. 35** Shweta is taller than Anu and Vani is smaller than Dev, Tanu is Taller than Vani and smaller than Samar, Anu is taller than Samar. Dev is smaller than Anu.

Who is tallest among all?

- 1. Shweta
- 2. Vani
- 3. Anu
- 4. Samar





Correct Option - 1

**Que. 36** What should come in the place of question mark (?) in the following?  
Maharashtra : India :: Texas : ?

- 1. USA
- 2. Canada
- 3. Mexico
- 4. Turkey

Correct Option - 1

**Que. 37** Which of the following represent the correct relationship between Cat, Dog, Pet ?

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

Correct Option - 2

**Que. 38** In a certain code language, if PERSON is coded as "OCOOJH", then how is REPORT coded in that language?

- 1. QCMKMN
- 2. QCMKMM
- 3. OCMKMN
- 4. OCMKMM

Correct Option - 1

**Que. 39** Find the mirror image of 8:20 ?

- 1. 3:20
- 2. 3:40
- 3. 3:30
- 4. 4:40

Correct Option - 2

**Que. 40** Find the missing number.

0, 3, 8, 15, 24, ? 48

- 1. 35
- 2. 30
- 3. 27
- 4. 36

Correct Option - 1

**Que. 41** Select the option that is related to the third figure in the same way as the second figure is related to the first figure.

:

:

:

1.

2.

3.

4.

Correct Option - 3

**Que. 42** Select the figure from the options that can replace the question mark (?) in the following figure series.

\$ @ /// #	? ? /// \$	# @ // ?	@ \$ / #	\$ ? ? ?
---------------------	---------------------	-------------------	-------------------	-------------------

1. 

?	@
\$	#
2. 

@	?
\$	#
3. 

\$	?
@	#
4. 

#	@
\$	?

Correct Option - 3

- Que. 43**
 If  $[(216)^4 \div 36^4] \times 6^5 = 6^m$  then  $m = ?$
1. 13  
 2. 11  
 3. 10  
 4. 9

Correct Option - 4

- Que. 44**
 The perimeter of a rectangle and a square are 160 m each. The area of the rectangle is less than that of the square by 100 sq. m. The length of the larger side of the rectangle is :
1. 70 m  
 2. 60 m  
 3. 40 m  
 4. 50 m

Correct Option - 4

- Que. 45**
 If diagonal of cube is  $\sqrt{12}$  cm, then its volume in  $\text{cm}^3$  is:
1. 18  
 2. 9  
 3. 6  
 4. 8

Correct Option - 4

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**Que. 46** In an election between two candidates, one got 56% of the total valid votes, 14% of the votes are invalid. If the total number of votes was 90000, what was the number of valid votes the other candidate got?

1. 42990
2. 43344
3. 52345
4. 34056

Correct Option - 4

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**Que. 47** A man walks at the rate of 5 km/hr for 6 hours and at 4 km/hr for 12 hours. The average speed of the man is:

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

Correct Option - 3

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**Que. 48** A shopkeeper sells his articles at their cost price but uses a faulty balance which reads 1000 gm for 800 gm. What is the actual profit percentage?

1. 20%
2. 25%
3. 30%
4. 40%

Correct Option - 2

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**Que. 49** The LCM of two numbers is 48. The numbers are in the ratio 2:3. The sum of the numbers is -

1. 28
2. 32
3. 40
4. 64

Correct Option - 3

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**Que. 50** After taking  $\frac{1}{5}$ th of the contents out of my purse,  $\frac{1}{12}$ th of the remainder was found to be Rs. 7.40. How much money did the purse initially contain?

1. Rs. 115
2. Rs. 113
3. Rs. 111
4. Rs. 106

Correct Option - 3