



# Teachingninja.in



**Latest Govt Job updates**



**Private Job updates**



**Free Mock tests available**

**Visit - [teachingninja.in](https://teachingninja.in)**



Teachingninja.in

# **Agniveer Vayu Group Y**

**Memory Based Paper**  
**13 Oct 2023 Shift 2**



## 50 Questions

---

**Que. 1** Select the word from the following that is most similar in meaning to the given word.

Fascinating

1. Clever
2. Uniform
3. Charming
4. Boring

Correct Option - 3

---

**Que. 2** Which of the following words is an antonym for the given word?

Zealous

1. Apathetic
2. Enthusiastic
3. Passionate
4. Eager

Correct Option - 1

---

**Que. 3** Change the given sentence in Indirect speech:

Teacher said, "Oil floats on water."

1. The teacher said that oil floats on water.
2. The teacher said that oil floating on water.
3. The teacher told oil floats on water.
4. The teacher spoke that oil floats on water.

Correct Option - 1

---

**Que. 4** Change the given sentence in passive voice:

I did not speak even a single word in the meeting.

1. Not even a single word in the meeting was spoken by me.
2. In the meeting did not speak even a single word by me.
3. Even a single word was not spoken by me at the meeting.
4. A meeting was not spoken by a single word of me.

Correct Option - 3

---

**Que. 5** Select the incorrectly spelt word.



1. Beuatiful
2. Irreplaceable
3. Appearance
4. Grammar

Correct Option - 1

---

**Que. 6** Select the INCORRECTLY spelt word.

1. Alien
2. Awfull
3. Across
4. Already

Correct Option - 2

---

**Que. 7** What is the noun form of 'successful'?

1. succeed
2. successor
3. success
4. Successfulness

Correct Option - 3

---

**Que. 8** In the following sentence, only one part has an error. Choose the part with the error.

Many a man do not know his own good deeds.

1. Many a man
2. do not know
3. his
4. own good deeds.

Correct Option - 2

---

**Que. 9** Following sentences have an error in one of its parts. Find the part which has an error and mark it accordingly.

All those (A) / who feel that (B) / the country has progressed (C) / contributes to it progress (D)

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

Correct Option - 1

**Que. 10** Improve the bracketed part in the given sentence.

The judge (will heard) his case tomorrow.

1. will hear
2. will hearing
3. will hears
4. will hearing

Correct Option - 1

---

**Que. 11** What is the most appropriate meaning of the idiom?

Burn the midnight oil

1. To set something on fire
2. To stay up and work late into the night
3. To waste resources
4. To confront a fear

Correct Option - 2

---

**Que. 12** Choose the word that can substitute the given sentence.

Soldiers who fight on horse back

1. Captain
2. Pilot
3. Major
4. Cavalry

Correct Option - 4

---

**Que. 13** Fill in the blanks with the correct option:

If I had told the truth, \_\_\_\_\_ the punishment.

1. I would have escaped
2. I will escape
3. I would escape
4. I will not escape

Correct Option - 1

---

**Que. 14** Choose the correct conjunction to fill in the blank:

I was hungry, \_\_\_\_ I ate the apple.

1. and
2. yet

3. so
4. or

Correct Option - 3

---

**Que. 15** Fill in the blank with the most suitable word.

She ran because she \_\_\_\_\_ in a hurry.

1. is
2. was
3. must be
4. could be

Correct Option - 2

---

**Que. 16** Direction: Read the passage carefully and answer the question that follows.

Advances in medical science and technology have so thoroughly overtaken our lives at the turn of the millennium that it is difficult to imagine what else we might see and encounter in our lifetimes. Incredible journeys have now gone beyond mere geography; scientifically, we have journeyed for inside our own bodies. Biotechnology has transformed from boring laboratory science to a lively and pioneering branch of science. Some of the recently developed biotechnologies, such as in vitro fertilisation and genetic modification, xenotransplantation and cloning, appear straight out of bizarre science fiction and promise unthinkable potential possibilities. While understanding more about the building blocks of plants will declare a food revolution on a scale larger than the Green Revolution of the 1960s and 1970s, learning more about the human genome would open up newer and more detailed techniques for overcoming disease and debilitation.

The novel A Space Odyssey, based on Arthur Clarke's novel of the same name, alluded to the celestial essence of human evolution. On the one hand, we've discovered 6-billion-year-old bacteria that are still alive, which scientists believe may have been thrown into the planet by debris from a falling meteorite from space. Space probes, on the other hand, have discovered evidence that Mars once had water. With the establishment of an international space station and more regular space flights, we could be able to successfully communicate life forms in other parts of the universe.

We have progressed from micro and laser surgery to surgery facilitated by precision-working robot assistants.

What are the advantages of learning more about the human genome?

1. It will lead to the creation of newer, more detailed methods for treating illness and debilitation.
2. It will facilitate in micro and laser surgeries.
3. It can aid in the understanding of in vitro fertilisation and genetic modification.
4. All the above

Correct Option - 1

---

**Que. 17** What do scientists think of bacteria that are 6 billion years old?

1. These bacteria, according to scientists, are no longer alive.
2. Scientists believe that the bacteria may have been thrown into the planet by debris from a falling meteorite from space.
3. Scientists assume that the bacteria was discovered by modern humans.

4. Scientists believe that the bacteria may have existed even before the human evolution.

Correct Option - 2

---

**Que. 18** The novel A Space Odyssey referred to which of the following?

1. bacteria that are still alive
2. science fiction
3. the celestial essence of human evolution
4. life forms in other parts of the universe.

Correct Option - 3

---

**Que. 19** What did the space probes discover?

1. evidence that Mars has life in it
2. evidence that Mars has water
3. evidence that Mars has 6-billion-year-old bacteria that are still alive
4. evidence that Mars once had water

Correct Option - 4

---

**Que. 20** Which of the following is/are true considering Biotechnology?

1. Biotechnology has evolved from a gloomy laboratory science to a vibrant or pioneering branch of science.
2. In vitro fertilisation is a relatively new biotechnology.
3. Genetic modification, xenotransplantation and cloning are some of the recently developed biotechnologies.
4. All the above

Correct Option - 4

---





**Que. 21** Kumar's father Arun's son Shankar's wife Hema is the daughter in law of Kumar's father's wife Prema. How is Prema related to Kumar?

1. Mother
2. Daughter
3. Father
4. Son

Correct Option - 1

---

**Que. 22** Select the Venn diagram that best represents the relationship between the following classes.  
Animals, Cows, Dogs

1. 
2. 
3. 
4. 

Correct Option - 3



**Que. 23** For a standard clock, what is the angle between hour hand and the minute hand when the clock shows 4:30 am?

1. 45°
2. 45.5°
3. 27.6°
4. 40°

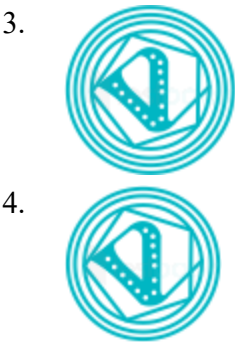
Correct Option - 1

**Que. 24** Select the figure from among the given options that can replace the question mark (?) in the following series.



1. 
2. 





Correct Option - 1




**Que. 25** select the figure from the given options that can replace the question mark (?) in the following series.



Correct Option - 1

**Que. 26** Choose one of the possibilities to represent the next figure in the series.



2. 
3. 
4. 

Correct Option - 3

**Que. 27** Choose one of the possibilities to represent the next figure in the series.



1. 
2. 
3. 
4. 

Correct Option - 3

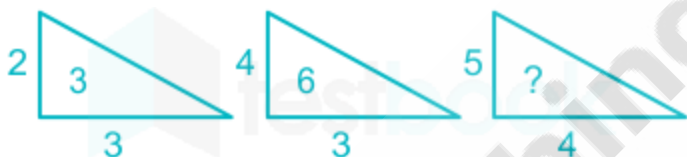
**Que. 28** Select the figure that will replace the question mark (?) in the following figure series.



1. 
2. 
3. 
4. 

Correct Option - 2

**Que. 29** Assuming that the characters in the set follows a certain pattern, find the missing character.



1. 12
2. 8
3. 16
4. 10

Correct Option - 4

**Que. 30** Select the correct option that indicates the arrangement of following units in a logical and meaningful order.

1. Byte
2. Megabyte
3. Terabyte
4. Gigabyte
5. Kilobyte

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

Correct Option - 3

---

**Que. 31** P, Q, R, S, T, U and V are seven friends having different heights. R is taller than 4 persons. Q is taller than R but shorter than P. T is taller than U but shorter than S. U is not the shortest. How many people are shorter than T?

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

Correct Option - 3

---

**Que. 32** In a certain language, DECEMBER is written as ERMBCEDE. Find the code for RELATION.

1. ONTILARE
2. SERWGSNI
3. OMTJAREL
4. PRWHHSNI

Correct Option - 1

---

**Que. 33** Six friends are sitting in a circle facing the centre. D is in between P and Q. T is between M and L, P and M are exactly opposite to each other. P is to the immediate right of L. Who is sitting exactly opposite to Q?

1. P
2. L
3. D
4. M

Correct Option - 2

---

**Que. 34** Vikas started walking towards East. He took a left turn after walking 2 km. He again took a left turn after walking 5 km. Which direction is he facing now?

1. West
2. South
3. North
4. East

Correct Option - 1

---

**Que. 35** Select the number from among the given options that can replace the question mark (?) in the following series.

5, 10, 8, 16, 14, 28, ?

1. 30
2. 26

3. 56
4. 24

Correct Option - 2

---

**Que. 36** The ratio between two numbers is 2 : 3. If their LCM is 150. Then the numbers are

1. 30, 40
2. 48, 64
3. 50, 75
4. None of these

Correct Option - 3

---

**Que. 37** What is the value of  $\sin^2 25^\circ + \sin^2 65^\circ$ ?

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

Correct Option - 2

---

**Que. 38** If two-third of goods are sold at 25% profit, 20% are sold at 20% loss and rest at a profit of 20%, then there is a profit of Rs. 3312. The cost price of the goods is:

1. Rs. 21400
2. Rs. 20000
3. Rs. 21600
4. Rs. 18600

Correct Option - 3

---

**Que. 39** The perimeter of the floor of a room is 18 m. What is the area of the walls of the room, if the height is 3 m?

1. 21 m<sup>2</sup>
2. 42 m<sup>2</sup>
3. 54 m<sup>2</sup>
4. 108 m<sup>2</sup>

Correct Option - 3

---

**Que. 40** Two-fifth of one-third of three-seventh of a number is 18. What is 60% of that number?

1. 190



2. 191
3. 192
4. 189

Correct Option - 4

---

**Que. 41** The average weight of 50 boys in a class is 45 Kg. When one boy leaves the class, the average reduces by 100g. Find the weight of the boy who left the class.

1. 50 Kg
2. 50.8 Kg
3. 49 Kg
4. 49.9 Kg

Correct Option - 4

---

**Que. 42** An Aeroplane started 30 minutes later than the scheduled time from a place 1500 km away from its destination. To reach the destination at the scheduled time the pilot needed to increase the speed by 250 km/hr. What was the speed of the Aeroplane during journey? (in km/hr).

1. 750
2. 1000
3. 800
4. 900

Correct Option - 2

---

**Que. 43** A number is first increased by 15% and it is further increased by 30%. The original number is increased altogether by:

1. 49%
2. 43%
3. 49.5%
4. 40%

Correct Option - 3

---

**Que. 44** How many members are nominated to the Rajya Sabha by the President of India?

1. 12
2. 14
3. 16
4. 10

Correct Option - 1

---

**Que. 45** Which of the following is the hottest planet of our solar system?

1. Mercury
2. Mars
3. Venus
4. Jupiter

Correct Option - 3

---

**Que. 46** In Women's Cricket, which country lifted the ICC T20 World Cup Trophy for the sixth time in February 2023?

1. Pakistan
2. Sri Lanka
3. Australia
4. Bangladesh

Correct Option - 3

---

**Que. 47** Night blindness is caused due to the deficiency of

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

Correct Option - 1

---

**Que. 48** In 2023 which of the following countries G7 summit was held?

1. Japan
2. Canada
3. France
4. Germany

Correct Option - 1

---

**Que. 49** What is called as the brain of computer and is responsible for processing data?

1. Motherboard
2. Memory
3. Gateway
4. CPU

Correct Option - 4

---

**Que. 50** Who among the following was the first to explain that the rotation of the earth on its own axis accounts for the daily rising and setting of the sun?

1. Aryabhatta
2. Bhaskara
3. Brahmagupta
4. Varahamihira

Correct Option - 1



Teachingninja.in