

Agniveer Army GD 17 April 2023 (Shift 1) Memory-Based Paper

Q1. In court of which among the following rulers, numerous scholars were adorned as 'Navratnas'?

- (a) Chandragupta II
- (b) None of these
- (c) Srigupta
- (d) Samudragupta

Ans: (a)

Q2. Yamuna River is the tributary of which of the following river?

- (a) Indus River
- (b) Brahmaputra River
- (c) Ganga River
- (d) Godavari River

Ans: (c)

Q3. Harappa was discovered by

- (a) RD Bannerjee
- (b) Dayaram Sahni
- (c) A O Hume
- (d) AV Alexander

Ans: (b)

Q4. In March 2023, Who is the Chief Minister of Gujarat?

- (a) Manik Saha
- (b) Bhupesh Baghel
- (c) Bhupendra Patel
- (d) Jai Ram Thakur

Ans: (c)

Q5. Neeraj Chopra is related to which sport?

- (a) Archery
- (b) Javelin throw
- (c) Horse race
- (d) Kabbadi

Ans: (b)

Q6. The 7th edition of the bilateral air exercise between India and France concluded at Air Force Station, Jodhpur on 12th November 2022. What was the name of the exercise?

- (a) Garuda
- (b) Varuna-III
- (c) Mitrata
- (d) Hand in Hand

Ans: (a)

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Q7. Modhera Sun Temple is situated at:

- (a) Jharkhand
- (b) Madhya Pradesh
- (c) Gujarat
- (d) Odisha

Ans: (c)

Q8. Which Indian state is the largest by area?

- (a) Maharashtra
- (b) Uttar Pradesh
- (c) Rajasthan
- (d) Madhya Pradesh

Ans: 3

Q9. The famous revolt of 1857, of which Mangal Pandey was a part, is related to:

- (a) 34th Native Infantry
- (b) 2nd Lancer
- (c) 10th Native Infantry
- (d) 34th Artillery

Ans: (a)

Q10. "Ping Pong" is related to

- (a) Badminton
- (b) Table Tennis
- (c) Judo
- (d) Taikando

Ans: (b)

Q11. By which amendment of the Indian Constitution, the voting age was reduced from 21 years to 18 years?

- (a) 59th
- (b) 61th
- (c) 62th
- (d) 60th

Ans: (b)

Q12. The Capital of Thailand is _____.

- (a) Bangkok
- (b) Lome
- (c) Dushanbe
- (d) Dodoma

Ans: (a)

Q13. In March 2023, Who is the Home Minister of India?

- (a) Narendra Modi
- (b) Amit Shah
- (c) Rajnath Singh
- (d) Yogi Adityanath

Ans: (b)

Q14. Vasco da Gama, a Portuguese explorer came to India in _____.

- (a) 1496
- (b) 1498
- (c) 1495
- (d) 1497

Ans: 2

Q15. What was the name of the rover of Chandrayaan - 2?

- (a) Pragyan
- (b) Vyommitra
- (c) Vikram
- (d) Orbiter

Ans: (a)

Q16. Naturally occurring acid present in tamarind is:

- (a) Oxalic acid
- (b) Ascorbic acid
- (c) Tartaric acid
- (d) Tannic acid

Ans: (c)

Q17. The full form of DNA is:

- (a) deoxyribeneutral acid
- (b) deltanucleic acid
- (c) deoxyribonucleic acid
- (d) dyoxyenucleic acid

Ans: (c)

Q18. Polio is caused by a

- (a) Protozoa
- (b) Virus
- (c) Bacteria
- (d) Fungi

Ans: (b)

Q19. Rutherford's alpha-particle scattering experiment was responsible for the discovery of

- (a) Atomic Nucleus
- (b) Electron
- (c) Proton
- (d) Neutron

Ans: (a)

Q20. Which is the largest gland in our body that is characterised by its reddish brown colour?

- (a) Pituitary
- (b) Liver
- (c) Pancreas
- (d) Thymus

Ans: (b)

Q21. Which acid is present in the ant sting?

- (a) Tartaric acid
- (b) Methanoic acid
- (c) Lactic acid
- (d) Acetic acid

Ans: (b)

Q22. How many colours are there in a spectrum of light?

- (a) 5
- (b) 1
- (c) 7
- (d) 3

Ans: (c)

Q23. Who discovered the cell?

- (a) Theodor Schwann
- (b) Matthias Schleiden
- (c) Robert Hooke
- (d) Rudolf Virchow

Ans: (c)

Q24. _____ glands release tears from our eyes.

- (a) Adrenal
- (b) Pituitary
- (c) Lacrimal
- (d) Thyroid

Ans: (c)

Q25. Which of the following is example/s for chemical change of substance?

- (a) Rusting of iron
- (b) Ripening of fruits
- (c) Egg into omelette
- (d) All the above

Ans: 4

Q26. Average life span of human Red Blood Cells (RBC) is

- (a) 40 days
- (b) 80 days
- (c) 120 days
- (d) 160 days

Ans: (c)

Q27. Who discovered oxygen?

- (a) Albert Einstein
- (b) John Emburey
- (c) Graham Bell
- (d) Joseph Priestly

Ans: (d)

Q28. The unit of acceleration is _____?

- (a) Newton Meter²
- (b) Newton Meter
- (c) m/s²
- (d) m/s

Ans: (c)

Q29. Which among the following is a biotic component of an ecosystem?

- (a) Wind
- (b) Rainfall
- (c) Grass
- (d) Minerals

Ans: (c)

Q30. Who discovered penicillin?

- (a) William Harvey
- (b) Louis Pasteur
- (c) Alexander Fleming
- (d) Paul Ehrlich

Ans: (c)

Q31. 3044 is divisible by ?

- (a) 3
- (b) 4
- (c) 5
- (d) 6

Ans: (b)

Q32. If $a - b = 1$ $a^2 + b^2 = 85$ then $a \times b = ?$

- (a) 40
- (b) 84
- (c) 42
- (d) 80

Ans: (c)

Q33. Find the average.

86, 88, 90, 72, 76 & 74

- (a) 81
- (b) 74
- (c) 90
- (d) 88

Ans: (a)

Q34. The HCF and LCM of two numbers are 4 and 288 and one number is 32 then find the second number.

- (a) 42
- (b) 36
- (c) 24
- (d) 31

Ans: (b)

Q35. If the length, breadth, and total surface area of a cuboid are 15 cm, 10 cm, and 1300 cm^2 then its height is?

- (a) 15 cm
- (b) 20 cm
- (c) 24 cm
- (d) 30 cm

Ans: (b)

Q36. The average of three numbers is 27. The second is three times the first and the third number is five times the first. What is the sequence of the numbers?

- (a) 27, 9, 45
- (b) 9, 27, 45
- (c) 24, 8, 40
- (d) 8, 40, 24

Ans: (b)

Q37. Find the Simple Interest for 9 months on a principal amount of Rs. 19800 at 6% rate of interest per annum?

- (a) Rs. 871
- (b) Rs. 874
- (c) Rs. 898
- (d) Rs. 891

Ans: (d)

Q38. $A : B = 11 : 7$, $B : C = 4 : 19$ then find $A : B : C$.

- (a) $33 : 21 : 76$
- (b) $33 : 14 : 19$
- (c) $44 : 28 : 133$
- (d) $22 : 28 : 57$

Ans: (c)

Q39. when a number is increased by 34, it becomes $\frac{3}{2}$ of itself. what is the number?

- (a) 102
- (b) 34
- (c) 68
- (d) 17

Ans: (c)

Q40. Calculate the cylinder's total surface area if its radius is 7 cm and height is 12 cm.

- (a) 564 cm^2
- (b) 396 cm^2
- (c) 836 cm^2
- (d) 746 cm^2

Ans: (c)

Q41. If x and $2x$ are supplementary angles, then the value of $2x$.

- (a) 30°
- (b) 60°
- (c) 120°
- (d) 90°

Ans: (c)

Q42. 16 laborers take 35 days to complete construction. Exactly, how many days will the same work be completed by 28 laborers?

- (a) 70
- (b) 20
- (c) 14
- (d) 8

Ans: (b)

Q43. The cost of 2 pairs of pants and 3 shirts is Rs.650. If the cost of 4 pairs of pants and 2 shirts is Rs.700, then find the cost of each shirt.

- (a) Rs.100
- (b) Rs. 200
- (c) Rs. 50
- (d) Rs. 150

Ans: (d)

Q44. $\frac{83}{500} = ? \%$

- (a) 16.6%
- (b) 23.5%
- (c) 83%
- (d) 415%

Ans: (a)

Q45. If $a : b = 7 : 9$ and $b : c = 5 : 7$ then find the value of $a : c$?

- (a) 5 : 9
- (b) 3 : 5
- (c) 7 : 21
- (d) 7 : 15

Ans: (a)

Q46. If ROAD is written as "WTFI" in certain code language then what will be the code of BEAT?

- (a) GJFY
- (b) GFJY
- (c) GFYJ
- (d) YFJG

Ans: (a)

Q47. NATION: ANTINO :: HUNGRY : ?

- (a) HNUGRY
- (b) UHNGYR
- (c) YRNGUH
- (d) UNHGYR

Ans: (b)

Q48. If in a certain code language 'PAPER' is written as '16116518', then how will 'BRINJL' be written in that language?

- (a) 21891410112
- (b) 23189140112
- (c) 2189141012
- (d) 2389411021

Ans: (c)

Q49. Refer to the following number-symbol series and answer the question that follows.

1 * 2 9 8 4 ! ^ 3 5 4 # 9 ! \$ 3 ^ 1 3 & 9 6 8 \$ * \$ 9 3

How many such symbols are there that are immediately preceded by a number and immediately followed by a number?

- (a) 6
- (b) 3
- (c) 2
- (d) 4

Ans: (d)

Q50. If KHI = 28 and FSH = 33, then what is TBT?

- (a) 30
- (b) 42
- (c) 36
- (d) 32

Ans: (b)

