

## **Agniveer Army GD 30 June 2025 (Shift 1) Memory-Based Paper**

**Q1.** Which country is called "Land of the Thunder Dragon"?

- (a) Nepal
- (b) Bhutan
- (c) Bangladesh
- (d) Myanmar

**Ans:** (b)

**Q2.** Which ocean/sea lies to the west of India?

- (a) The Arabian Sea
- (b) The Bay of Bengal
- (c) The Indian Ocean
- (d) None of the above

**Ans:** (a)

**Q3.** What was the code name of Indo-Pak kargil war?

- (a) Operation Blue Star
- (b) Operation Vijay
- (c) Operation Viraat
- (d) Operation Kargil

**Ans:** (b)

**Q4.** Which state of India has the highest population density?

- (a) West Bengal
- (b) Bihar
- (c) Maharashtra
- (d) Kerala

**Ans:** (b)

**Q5.** Who is the Chief Minister of Tamil Nadu?

- (a) EK Palaniswami
- (b) BT Subramaniam
- (c) O Panneerselvam
- (d) MK Stalin

**Ans:** (d)

**Q6.** Who is the current Vice President of the U.S.?

- (a) Pam Bondi
- (b) Kamla Harris
- (c) Tulsi Gabbard
- (d) J. D. Vance

**Ans:** (d)

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**Q7.** Who said, "Political freedom is the breath of the nation"?

- (a) Bal Gangadhar Tilak
- (b) Bipin Chandra Pal
- (c) Arvind Ghosh
- (d) Rabindranath Tagore

**Ans:** (c)

**Q8.** Kathakali is the dance of which state of India?

- (a) Maharashtra
- (b) Uttarakhand
- (c) Odisha
- (d) Kerala

**Ans:** (d)

**Q9.** Downs are temperate grassland in:

- (a) Australia
- (b) China
- (c) Japan
- (d) USA

**Ans:** (a)

**Q10.** Dandi March was started on-

- (a) 12 March, 1930
- (b) 6 April, 1930
- (c) 12 November, 1930
- (d) 12 September, 1931

**Ans:** (a)

**Q11.** Who among the following eminent musicians is a famous tabla player?

- (a) Ustad Moinuddin Khan
- (b) Ustad Bade Gulam Ali Khan
- (c) Ustad Abdul Rashid Khan
- (d) Ustad Zakir Hussain

**Ans:** (d)

**Q12.** 'National Youth Day' is celebrated on \_\_\_\_\_.

- (a) 12th January
- (b) 3rd January
- (c) 30th January
- (d) 21st January

**Ans:** (a)

**Q13.** The \_\_\_\_\_ Amendment decreased the voting age from 21 to 18.

- (a) 61st
- (b) 25th
- (c) 42nd
- (d) 44th

**Ans:** (a)

**Q14.** What is the motto of 'Indian Air Force'?

- (a) Sewa Paramo Dharma
- (b) Nabha Sparsham Deeptam
- (c) Sham-no Varuna
- (d) Aakasey Satrun Jahi

**Ans:** (b)

**Q15.** Which is the driest place in the world?

- (a) Wastack
- (b) Erica
- (c) McMurdo
- (d) Ethiopia

**Ans:** (c)

**Q16.** What is the SI unit of acceleration?

- (a)  $\text{ms}^{-1}$
- (b) ms
- (c)  $\text{sm}^{-1}$
- (d)  $\text{ms}^{-2}$

**Ans:** (d)

**Q17.** An essential feature of seed germination is the presence of

- (a) Minerals
- (b) Water
- (c) Light
- (d) Temperature

**Ans:** (b)

**Q18.** Name the technique used to separate butter from curd.

- (a) Centrifugation
- (b) Sublimation
- (c) Evaporation
- (d) Filtration

**Ans:** (a)

**Q19.** The process used to separate grain from stalks is

- (a) Hand picking
- (b) Threshing
- (c) Sublimation
- (d) Sieving

**Ans:** (b)

**Q20.** Golden Rice contains high amount of \_\_\_\_\_

- (a) Vitamin D
- (b) Vitamin A
- (c) Vitamin B
- (d) Vitamin C

**Ans:** (b)

**Q21.** How many canine teeth are there in adult human?

- (a) 2
- (b) 8
- (c) 6
- (d) 4

**Ans:** (d)

**Q22.** Which of the following is not a component of an electric circuit?

- (a) Switch
- (b) Board
- (c) Resistor
- (d) Capacitor

**Ans:** (b)

**Q23.** Nitrogen constitutes \_\_\_\_\_ % of our atmosphere

- (a) 28
- (b) 58
- (c) 68
- (d) 78

**Ans:** (d)

**Q24.** What is S.I unit of Energy?

- (a) Joule
- (b) Watt
- (c) Newton
- (d) None of these

**Ans:** (a)

**Q25.** When ice melts into water, its:-

- (a) Volume increases
- (b) Mass increases
- (c) Volume decreases
- (d) Mass decreases

**Ans:** (c)

**Q26.** The main component of compressed natural gas (CNG) is

- (a) ethane
- (b) methane
- (c) butane
- (d) None of the above

**Ans:** (b)

**Q27.** Formation of curd by milk is done by-

- (a) Yeasts
- (b) Lactobacillus
- (c) Moulds
- (d) Algae

**Ans:** (b)

**Q28.** Which among the following is the fifth state of matter?

- (a) Liquid
- (b) Supersolid
- (c) Bose-Einstein Condensate (BEC)
- (d) Plasma

**Ans:** (c)

**Q29.** Pasteurization is related to

- (a) sterilization of milk
- (b) dehydration of milk
- (c) fermentation of milk
- (d) distillation of milk

**Ans:** (a)

**Q30.** The process of respiration is

- (a) an oxidation reaction which is exothermic
- (b) an oxidation reaction which is endothermic
- (c) a reduction reaction which is exothermic
- (d) a reduction reaction which is endothermic

**Ans:** (a)

**Q31.** 65% of 1465 is:

- (a) 940.25
- (b) 953.25
- (c) 925.50
- (d) 930.25

**Ans:** (b)

**Q32.** If 20 men working for 10 days earn ₹7,1800, how much will 26 men earn in 17 days?

- (a) 1,58,678
- (b) 1,78,678
- (c) ₹1,58,000
- (d) ₹1,55,000

**Ans:** (a)

**Q33.**  $7982 + 93 = ?$

- (a) 8025
- (b) 8050
- (c) 8075
- (d) 8500

**Ans:** (c)

**Q34.** What is the measure of each interior angle in an equilateral triangle?

- (a)  $75^\circ$
- (b)  $80^\circ$
- (c)  $90^\circ$
- (d)  $60^\circ$

**Ans:** (d)

**Q35.** If  $x : 7 = 56 : 40$ , Find the value of x.

- (a) 9.8
- (b) 8.9
- (c) 10
- (d) 7.8

**Ans:** (a)

**Q36.** The present population of a village is 17,000. If the population increases by 25% in the next year, what will be the population at the end of the year?

- (a) 21250
- (b) 22250
- (c) 23000
- (d) 21500

**Ans:** (a)

**Q37.** Express 48% as a simplified fraction.

- (a)  $12/25$
- (b)  $15/25$
- (c)  $8/25$
- (d)  $13/20$

**Ans:** (a)

**Q38.** What is the average of 206, 205, 90, and 315?

- (a) 205
- (b) 201
- (c) 204
- (d) 198

**Ans:** (c)

**Q39.** Find the LCM of 21, 4, 28, 42.

- (a) 84
- (b) 42
- (c) 96
- (d) 72

**Ans:** (a)

**Q40.**  $12 \times 18 - 12 = ?$

- (a) 138
- (b) 204
- (c) 190
- (d) 168

**Ans:** (b)

**Q41.** The present age ratio of A to B is 5 : 2. If B is 18 years old, what is the present age of A?

- (a) 42
- (b) 32
- (c) 45
- (d) 54

**Ans:** (c)

**Q42.** The area of a rectangle is  $35 \text{ cm}^2$ . If its length is 7 cm, what is the perimeter of the rectangle?

- (a) 18 cm
- (b) 12 cm
- (c) 24 cm
- (d) 36 cm

**Ans:** (c)

**Q43.** Ram had 60 chocolates. If he ate 20% of them, how many chocolates does he have left?

- (a) 48
- (b) 58
- (c) 52
- (d) 56

**Ans:** (a)

**Q44.**  $\frac{81}{3} \times \frac{27}{3} = ?$

- (a) 253
- (b) 248
- (c) 242
- (d) 243

**Ans:** (d)

**Q45.** What is  $(a + b)^2$  ??

- (a)  $a^2 + 2ab + b^2$
- (b)  $a + b^2$
- (c)  $a^2 + b$
- (d)  $a^2 + b^2$

**Ans:** (a)

**Q46.** Pointing at a lady in a photograph, a man said 'She is niece of my only son'. How is the man related to that lady?

- (a) Paternal grandfather
- (b) Brother-in-law
- (c) Maternal grandfather
- (d) Uncle

**Ans:** (c)

**Q47.** If in a special code language DEMOCRAT is written as FCOMEPCR, then what will be the code for MONARCHY in that code language?

- (a) QMPYTAJW
- (b) OMPYUAJW
- (c) OMPZZTBJW
- (d) OMPYTAJW

**Ans:** (d)

**Q48.** If '+' means 'x', '-' means '+', 'x' means '÷' and '÷' means '-', then choose the correct expression from the following options.

- (a)  $14 \times 7 \div 2 - 48 + 16 = 97$
- (b)  $38 \div 2 + 1 \times 6 - 6 = 18$
- (c)  $21 \times 7 \div 7 + 3 - 21 = 3$
- (d)  $9 \times 3 \div 12 + 5 - 24 = 31$

**Ans:** (c)

**Q49.** In a certain code language, "HOST" is coded as '9724', 'KINDO' is coded as '45310', 'KNOWS' is coded as '37654". What can be the code for 'W' in that code language?

- (a) 6
- (b) 5
- (c) 4
- (d) 7

**Ans:** (a)

**Q50.** In a row of 45 students, Julie is 17th from the right end. What will be her rank from the left end?

- (a) 28
- (b) 29
- (c) 30
- (d) 27

**Ans:** (b)

