

## Army GD Agniveer Memory Based Paper (22 Apr, 2024 Shift 1)

**Q1.** Which is the biggest refinery in India?

- (a) Jam Nagar
- (b) Paradwepp
- (c) Digboi
- (d) Tatipaka

**Ans:** (a)

**Q2.** Where was the COP 28 conference held?

- (a) UAE
- (b) US
- (c) UK
- (d) Russia

**Ans:** (a)

**Q3.** Who has sworn in as the new Chief Minister of Jharkhand in February 2024?

- (a) Shibu Soren
- (b) Simal Soren
- (c) Chomu Soren
- (d) Champai Soren

**Ans:** (d)

**Q4.** Gautam Buddha attain Mahaparinirman in Kushinagar. Where is Kushinagar located?

- (a) Uttar Pradesh
- (b) Maharashtra
- (c) Bihar
- (d) Nepal

**Ans:** (a)

**Q5.** When is the National Army Day observed in India?

- (a) 12 December
- (b) 15 January
- (c) 12 November
- (d) 15 July

**Ans:** (b)

**Q6.** According to 2011 Census, which among the following state has the highest population?

- (a) Bihar
- (b) Tamil Nadu
- (c) Uttar Pradesh
- (d) Maharashtra

**Ans:** (c)

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**Q7.** Articles 12 to 35 contained in the Constitution deal with \_\_\_\_\_.

- (a) Panchayati Raj
- (b) Citizenship
- (c) Fundamental Duties
- (d) Fundamental Rights

**Ans:** (d)

**Q8.** Kolar Gold Field is located in

- (a) Madhya Pradesh
- (b) Andhra Pradesh
- (c) Tamil Nadu
- (d) Karnataka

**Ans:** (d)

**Q9.** Who is the Vice- President of India?

- (a) Najma Heptullah
- (b) Hamid Ansari
- (c) Jagdeep Dhankhar
- (d) Ram Nath Kovind

**Ans:** (c)

**Q10.** The 'Dronacharya Award' is given to \_\_\_\_\_

- (a) Sports Editor
- (b) Umpire
- (c) Coach
- (d) Sportsperson

**Ans:** (c)

**Q11.** Who has been awarded the Sahitya Akademi Award for the Hindi language?

- (a) Neelam Sharan Gaur
- (b) Sadiqa Nawab Sahar
- (c) Sanjeev
- (d) Pritam

**Ans:** (c)

**Q12.** Where was the tricolour hoisted for the first time in 1947?

- (a) Gateway of India, Mumbai
- (b) Hussainiwala Border, Punjab
- (c) Red Fort, Delhi
- (d) Cellular Jail, Andaman and Nicobar Islands

**Ans:** (c)

**Q13.** Who is the present Cooperative Minister?

- (a) Narendra Modi
- (b) Amit Shah
- (c) Rajnath Singh
- (d) Piyush Goyal

**Ans:** (b)

**Q14.** The 'Rann Utsav' is a festival celebrated in:

- (a) Gujarat
- (b) Himachal Pradesh
- (c) Rajasthan
- (d) Madhya Pradesh

**Ans:** (a)

**Q15.** Which country has the longest written constitution in the world?

- (a) USA
- (b) Russia
- (c) China
- (d) India

**Ans:** (d)

**Q16.** Who discovered the cell?

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

**Ans:** (c)

**Q17.** The smallest functional unit of the kidney is:

- (a) Neuron
- (b) Nephron
- (c) Air Sac
- (d) Ovaries

**Ans:** (b)

**Q18.** What is the chemical name of Vitamin C?

- (a) Citric Acid
- (b) Ascorbic Acid
- (c) Thiamine
- (d) Tartaric Acid

**Ans:** (b)

**Q19.** DPT vaccine is administered to prevent disease like

- (a) Dengue, Pertussis and Typhoid
- (b) Dengue, Polio and Tetanus
- (c) Diphtheria, Pertussis and Typhoid
- (d) Diphtheria, Pertussis and Tetanus

**Ans:** (d)

**Q20.** Green colour of the leaves is due to presence of which of the following?

- (a) glucose
- (b) nitrogen
- (c) chlorophyll
- (d) oxygen

**Ans:** (c)

**Q21.** The basic unit of speed is:

- (a) km/min
- (b) m/min
- (c) km/h
- (d) m/s

**Ans:** (d)

**Q22.** Which law of motion defines the 'force'?

- (a) Newton's third law of motion
- (b) Newton's first law of motion
- (c) Newton's second law of motion
- (d) Newton's law of gravitation

**Ans:** (c)

**Q23.** The meter that measures the speed of the vehicle is called \_\_\_\_\_.

- (a) Speedometer
- (b) Odometer
- (c) Chronometer
- (d) Barometer

**Ans:** (a)

**Q24.** Ohm's Law states that:

- (a) Electric Current = Voltage/Resistance
- (b) Power = Voltage + Current
- (c) Power = Voltage  $\times$  Current
- (d) Electric current = Resistance/Voltage

**Ans:** (a)

**Q25.** Which of the lenses are used to cure Myopia?

- (a) convex
- (b) concave
- (c) parabolic
- (d) cylindrical

**Ans:** (b)

**Q26.** What is the chemical name of  $\text{CaO}$ ?

- (a) Calcium monoxide
- (b) Calcium dioxide
- (c) Calcium oxide
- (d) Calcium sulphate

**Ans:** (c)

**Q27.** Mendeleev's periodic table is based on \_\_\_\_?

- (a) Atomic Radius
- (b) Atomic Mass
- (c) Atomic Volume
- (d) Atomic Number

**Ans:** (b)

**Q28.** Which of the following is a solid material?

- (a) Water
- (b) Iron
- (c) Alcohol
- (d) Oxygen

**Ans:** (b)

**Q29.** Which of the following metals is the lightest in the periodic table of elements?

- (a) Aluminium
- (b) Lithium
- (c) Titanium
- (d) Magnesium

**Ans:** (b)

**Q30.** The pH of human urine is approximately:

- (a) 6.5
- (b) 7
- (c) 6
- (d) 7.5

**Ans:** (c)

**Q31.** The area of a rectangle is  $84 \text{ cm}^2$  and its length is 12 cm. Find its breadth ?

- (a) 6 cm
- (b) 7 cm
- (c) 10 cm
- (d) 49 cm

**Ans:** (b)

**Q32.** What is the Highest Common Factor (HCF) of 45, 50, and 90?

- (a) 6
- (b) 7
- (c) 8
- (d) 5

**Ans:** (d)

**Q33.** What is the smallest three-digit number?

- (a) 100
- (b) 104
- (c) 103
- (d) 105

**Ans:** (a)

**Q34.** If 5 people complete a task in 10 days, how many days will it take for one person to complete the same task?

- (a) 10 days
- (b) 50 days
- (c) 15 days
- (d) 25 days

**Ans:** (b)

**Q35.** If a 70-liter mixture contains 30% water, what is the quantity of milk in it?

- (a) 63 liter
- (b) 49 liter
- (c) 56 liter
- (d) 7 liter

**Ans:** (b)

**Q36.** Which number is divisible by 10?

- (a) 75
- (b) 99
- (c) 110
- (d) 55

**Ans:** (c)

**Q37.** How to simplify  $27/21$  as a fraction in simplest form ?

- (a)  $7/9$
- (b)  $9/7$
- (c)  $1/3$
- (d)  $1/7$

**Ans:** (b)

**Q38.** What is the number that, when tripled and then increased by 1, equals 10?

- (a) 3
- (b) 9
- (c) 11
- (d) 27

**Ans:** (a)

**Q39.** If  $\left(x + \frac{1}{x} = 4\right)$  is given, what is the value of  $\left(x^2 + \frac{1}{x^2} = ?\right)$

- (a) 22
- (b) 13
- (c) 14
- (d) 20

**Ans:** (c)

**Q40.** If a profit of 20% is made by selling an item for 960 rupees, what is the cost price of the item?

- (a) 800
- (b) 700
- (c) 900
- (d) 500

**Ans:** (a)

**Q41.** What is the average of the numbers 11, 11, 11, and 11?

- (a) 121
- (b) 10
- (c) 11
- (d) 12

**Ans:** (c)

**Q42.** If the ratio of ages between A and B is 1:3 and B's age is 15 years, what is A's age?

- (a) 5 years
- (b) 25 years
- (c) 10 years
- (d) 20 years

**Ans:** (a)

**Q43.** What is the simple interest on Rs 2500 for 3 years at an annual interest rate of 5% ?

- (a) 125
- (b) 750
- (c) 375
- (d) 255

**Ans:** (c)

**Q44.** What is the result of applying the BODMAS rule to the expression  $5/7 - 3/7 + 1/14$  ?

- (a)  $1/7$
- (b)  $1/10$
- (c)  $5/14$
- (d)  $7/9$

**Ans:** (c)

**Q45.** What is 10% of Rs. 2500 ?

- (a) 500
- (b) 25
- (c) 250
- (d) 300

**Ans:** (c)

**Q46.** Arrange the given words in the order in which they appear in the dictionary.

1. Famous 2. Fanatical 3. Farmhouse 4. Fancy 5. Father

- (a) 32145
- (b) 23415
- (c) 31254
- (d) 12435

**Ans:** (d)

**Q47.** Which number will replace the question mark (?) in the following series?

7, 21, 35, ?, 63

- (a) 40
- (b) 50
- (c) 62
- (d) 49

**Ans:** (d)

**Q48.** What will be the next letter in the following series ?

Z, X, U, P, ?

- (a) N
- (b) K
- (c) L
- (d) M

**Ans:** (b)

**Q49.** In any code language, if BLAME is coded as NDXGO, then what will be the code of CREAM in that language?

- (a) TEBOC
- (b) TEHOC
- (c) ETBCO
- (d) ETHCO

**Ans:** (a)

**Q50.** "Starting from the beginning, where is Rahul positioned in the line of 28 individuals if he is seated at the 5th position from the last?"

- (a) 24
- (b) 28
- (c) 30
- (d) 20

**Ans:** (a)

