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# **Army Soldier Technical**

**Previous Year Paper**  
**(Pune) 1 Nov 2020**



## 50 Questions

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**Que. 1** How many maximum players are there in 'Kabbadi' sport?

1. 6
2. 12
3. 9
4. 8

Correct Option - 2

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**Que. 2** Which of the following is the first surface to surface ballistic missile of India?

1. Prithivi
2. Agni
3. Akash
4. Trishul

Correct Option - 1

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**Que. 3** Which colour is not found in a Rainbow?

1. Red
2. Yellow
3. Black
4. Green

Correct Option - 3

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**Que. 4** Who is the author of "Abhigyan Shakuntala"?

1. Tulsidas
2. Vishnu Sharma
3. Soordas
4. Kalidas

Correct Option - 4

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**Que. 5** 'Labour Day' is celebrated on which date?

1. 01 Jan
2. 01 July
3. 01 May
4. 01 June

Correct Option - 3

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**Que. 6** From the given options complete the series: 9, 16, 25, ( ), 49.

1. 32
2. 36
3. 30
4. 38

Correct Option - 2

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**Que. 7** Pointing to a photograph, Atul said, "She is the daughter of my Grandfather's only son. "How is Atul related to the girl in the photograph?

1. Cousin
2. Father
3. Uncle
4. Brother

Correct Option - 4

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**Que. 8** Geeta walks 20 Meters towards North. She then turns left and walk 40 meters. She again turns left and walks 20 meter. Further she moves 20 Meters after turning to the right. How far is she from her original position?

1. 50 Meters
2. 60 Meters
3. 30 Meters
4. 20 Meters

Correct Option - 2

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**Que. 9** BUILT is written as 5#21@ and TRIBE is written as @ 925!, then how will RULE be written?

1. 9#1!
2. @#2!
3. 92#5
4. !#2@

Correct Option - 1

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**Que. 10** From given option fill in the blank space: QPO, NML, KJI, (\_\_\_), EDC

1. HGF
2. GHI
3. JKL
4. GFH

Correct Option - 1

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**Que. 11** A and B complete a work in 6 days. If A alone can do the same work in 10 days then B alone will do it in how many days?

1. 8 days
2. 12 days
3. 16 days
4. 15 days

Correct Option - 4

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**Que. 12** Find the total amount on a principal of Rs. 300 in 2 years at 5% per annum compound interest?

1. Rs. 320.50
2. Rs. 400.00
3. Rs. 330.75
4. Rs. 350.00

Correct Option - 3

---

**Que. 13** When the greatest number of the four digits is subtracted from the smallest number of the six digits the result is?

1. 99001
2. 90001
3. 9901
4. 99901

Correct Option - 2

---

**Que. 14** If a tank is 5 meter long, 4 meter wide and 3 meter deep then find the capacity of tank?

1. 90000 liters
2. 80000 liters
3. 50000 liters
4. 60000 liters

Correct Option - 4

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**Que. 15** A square has a side length of 6 meter, what will be its Area?

1. 6 meter<sup>2</sup>
2. 36 meter<sup>2</sup>
3. 12 meter<sup>2</sup>
4. 24 meter<sup>2</sup>

Correct Option - 2

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**Que. 16** From the given option find out the smallest number completely divisible by 240 and 165?

1. 2642
2. 2840
3. 2604
4. 2640

Correct Option - 4

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**Que. 17** If  $3X + Y = 81$  and  $81X - Y = 3$ , then find the value of X is?

1. 78
2. 1
3. 81
4. 84

Correct Option - 2

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**Que. 18** Gupta sold few biscuit packets for Rs. 7.50. If the cost of each packet is Rs. 1.50 then how many packets have been sold?

1. 5
2. 15
3. 4
4. 10

Correct Option - 1

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**Que. 19** The population of a town is 2000. If 40% are men and 35% are women then find the number of children in

1. 350
2. 500
3. 1000
4. 300

Correct Option - 2

---

**Que. 20** Find out the amount on Rs. 13000 for 1 year at 2% annual rate of simple interest.

1. Rs. 12260
2. Rs. 13260
3. Rs. 11260
4. Rs. 10260

Correct Option - 2

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**Que. 21** Find the HCF of 84 and 105?

1. 22
2. 21
3. 23
4. 31

Correct Option - 2

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**Que. 22** The average weight of 29 students is 28 kg. By the admission of a new student, the average weight is reduced to 27.8 kg. Find the weight of the new student?

1. 21 kg
2. 22.4 kg
3. 22 kg
4. 21.6 kg

Correct Option - 3

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**Que. 23** If 3.4% of  $x$  is 68 then find the value of  $x$ ?

1. 2000
2. 6000
3. 5000
4. 1000

Correct Option - 1

---

**Que. 24** The cube root of 729 is?

1. 13
2. 9
3. 27
4. 19

Correct Option - 2

---

**Que. 25** Find the Simple Interest on Rs 450 for 2.5 years at rate of 3% per annum?

1. Rs. 35
2. Rs. 45.5
3. Rs. 60
4. Rs. 33.75

Correct Option - 4

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**Que. 26** Which of the following quantities is a scalar quantity?

1. Weight
2. Force
3. Current
4. Velocity

Correct Option - 3

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**Que. 27** A gas is enclosed in a container which is then placed on a fast moving train. The temperature \_\_\_\_\_?

1. Remain unchanged
2. Becomes unsteady
3. Falls
4. Rises

Correct Option - 1

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**Que. 28** Unit of 'Acceleration' is \_\_\_\_\_?

1. Joule
2.  $\text{m/sec}^2$
3.  $\text{m/sec}$
4. Newton

Correct Option - 2

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**Que. 29** Magnetism at the center of a bar magnet is \_\_\_\_\_?

1. Half of the poles
2. Maximum
3. Zero
4. Minimum

Correct Option - 3

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**Que. 30** Which instrument is used to see distant objects?

1. Microscope
2. Aluminium
3. Telescope
4. Television

Correct Option - 3

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**Que. 31** Weight of an object falling freely is \_\_\_\_\_?

1. Double of weight
2. Zero
3. Equal to Mass
4. Half of Weight

Correct Option - 2

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**Que. 32** When ice melts, its density \_\_\_\_\_?

1. Decreases
2. Becomes Zero
3. Increases
4. Remains the same

Correct Option - 3

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**Que. 33** Physical quantity of \_\_\_\_\_ is measured in watt.

1. Power
2. Momentum
3. Impulse
4. Kinetic Energy

Correct Option - 1

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**Que. 34** In a circuit, voltmeter is always connected in \_\_\_\_\_?

1. Either series or parallel
2. Triangular
3. Series
4. Parallel

Correct Option - 4

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**Que. 35** 1 horse power is equal to \_\_\_\_\_ watt?

1. 500
2. 700
3. 746
4. 646

Correct Option - 3

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**Que. 36** Gauss is the unit of which of the following?

1. Magnetic speed
2. Magnetic Induction
3. Magnetic Intensity
4. Magnetic Momentum

Correct Option - 2

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**Que. 37** Who invented Television?

1. Watson



2. Newton
3. Graham Bell
4. JL Baird

Correct Option - 4

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**Que. 38** What is the speed of light in vaccum?

1. 330 m/sec
2.  $3 \times 10^7$  m/sec
3.  $3 \times 10^5$  m/sec
4.  $3 \times 10^8$  m/sec

Correct Option - 4

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**Que. 39** Mercury is used in barometer because of its \_\_\_\_\_?

1. High melting point
2. Low melting point
3. High boiling point
4. High density

Correct Option - 4

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**Que. 40** What is the SI unit of surface tension?

1. Newton x meter
2. Newton
3. Joule
4. Newton / meter

Correct Option - 4

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**Que. 41** Which one of the following has the maximum percentage of gas in the air?

1. Carbon dioxide
2. Oxygen
3. Hydrogen
4. Nitrogen

Correct Option - 4

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**Que. 42** The metal \_\_\_\_\_ is always kept in kerosene?

1. Sodium
2. Calcium
3. Magnesium
4. Aluminium

Correct Option - 1

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**Que. 43** Which is the hardest substance?

1. Graphite
2. Gold
3. Diamond

4. Coal

Correct Option - 3

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**Que. 44** Percentage of oxygen in the atmosphere is \_\_\_\_\_?

1. 18%
2. 78%
3. 21%
4. 46%

Correct Option - 3

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**Que. 45** Faraday's law of electrolysis is related to \_\_\_\_\_?

1. Equivalent weight of the electrolyte
2. Atomic number of anion
3. Speed of the cation
4. Atomic number of cation

Correct Option - 1

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**Que. 46** The colour of Hydrogen gas is \_\_\_\_\_?

1. Black
2. Colourless
3. Yellow
4. Orange

Correct Option - 2

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**Que. 47** The element common in Brass and Bronze is \_\_\_\_\_?

1. Aluminium
2. Gold
3. Copper
4. Zinc

Correct Option - 3

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**Que. 48** \_\_\_\_\_ gas is used for artificial ripening of fruits?

1. Acetylene
2. Propane
3. Methane
4. Ethane

Correct Option - 1

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**Que. 49** The substance that increases the speed of a chemical reaction is called?

1. Inhibitor
2. Promoter
3. Catalyst
4. Moderator

Correct Option - 3

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**Que. 50** Stainless steel is a mixture of \_\_\_\_\_.

1. Iron, Chromium and Carbon
2. Iron and Aluminium
3. Nickel and Aluminium
4. Iron, Nickel and Aluminium

Correct Option - **1**



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