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# Army
# Tradesman

## Memory Based Paper
### (10th Level)
### 24 Apr, 2023

# 50 Questions

**Que. 1**    Rajaji National Park is in _____ .

1. Tamil Nadu
2. Uttarakhand
3. Karnataka
4. Kerala

Correct Option **- 2**

**Que. 2**    Hirakud dam is in which state?

1. Rajasthan
2. Maharashtra
3. Karnataka
4. Odisha

Correct Option **- 4**

**Que. 3**    When was the Chief of Defence Staff (CDS) appointed for the first time?

1. 2016
2. 2017
3. 2018
4. 2019

Correct Option **- 4**

**Que. 4**    What is the full form of FCRA?

1. Foreign Contribution Regulation Act
2. Financial Credit Reporting Agency
3. Foreign Currency Regulation Authority
4. Foundation for Community Resource Allocation

Correct Option **- 1**

**Que. 5**    Who is the ex-officio Chairman of Rajya Sabha?

1. President
2. Vice President
3. Retired Judge
4. Chairman of the Planning Commission

Correct Option - **2**

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**Que. 6** Uttarakhand in the year 2000 was carved out of which state?

1. Himachal Pradesh
2. Uttar Pradesh
3. Punjab
4. None of the above

Correct Option - **2**

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**Que. 7** Who is currently the chairman of DRDO?

1. Dr Samir V Kamat
2. Dr Pravin K Mehta
3. Ms Suma Varughese
4. Dr G. Satheesh Reddy

Correct Option - **1**

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**Que. 8** In the context of Indian parliament what is 'Zero Hour'?

1. Time immediately after Question Hour
2. Time in the last half of the parliamentary proceeding
3. Time before Question Hour
4. Time in the first half of the parliamentary proceeding

Correct Option - **1**

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**Que. 9** Where is Kumbhalgarh Fort located?

1. Rajasthan
2. Gujarat
3. Maharashtra
4. Madhya Pradesh

Correct Option - **1**

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**Que. 10** Where is the Mahaparinirvan Temple located?

1. Varanasi
2. Bodh Gaya
3. Sarnath
4. Kushinagar

Correct Option - **4**

**Que. 11**   Which Indian state launched the solar briefcase for remote areas?

1. Gujarat
2. Rajasthan
3. Uttar Pradesh
4. Uttarakhand

Correct Option - **4**

**Que. 12**   Who is the current Union Health Minister of India in 2023?

1. Dr. Harsh Vardhan
2. Dr. Mansukh Mandaviya
3. Dr. Jitendra Singh
4. Dr. Subrahmanyam Jaishankar

Correct Option - **2**

**Que. 13**   In which state is the Khampti tribe found?

1. Assam
2. Arunachal Pradesh
3. Nagaland
4. Manipur

Correct Option - **2**

**Que. 14**   Which of the following is the only state in India that produces diamonds?

1. Kolkata
2. Madhya Pradesh
3. Andhra Pradesh
4. Uttarakhand

Correct Option - **2**

**Que. 15**   Which religion does Jesus Christ belong to?

1. Hinduism
2. Judaism
3. Christianity
4. Islam

Correct Option - **2**

**Que. 16**   In a class of 45 students rank of Ayush from the top is 15, then rank of Ayush from Bottom is

1. 30
2. 32
3. 31
4. 35

Correct Option - **3**

---

**Que. 17**   If × is replaced with ÷, ÷ is replaced with +, and + is replaced with ×, then what will be the value of the following expression?

250 + 75 ÷ 25 + 45 × 5

1. 19875
2. 18975
3. 18875
4. 1897

Correct Option - **2**

---

**Que. 18**   Rahul was going home from his school. He first moved 3 km southwards and then turned to his left, moving 2 km. From there, he moved to his left and walked 3 km. Further, he turned to his left again and moved 1 km, to reach his home. In which direction was his home from his school?

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

Correct Option - **1**

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**Que. 19**   If in a certain code language, ELEPHANT is written as FNHTMGUB. How is ASTRONAUT written in that code language?

1. BUWVTHTCC
2. BUWVTTCHC
3. BUVWTTHCC
4. BUWVTTHCC

Correct Option - **4**

---

**Que. 20**   How many letters are there in the word "APPLE" that have the position, as there in English alphabetical series?

1. One
2. Two
3. Three

4.   Four

Correct Option - **2**

---

**Que. 21**   Which acid is found in tomato?

1.   Acetic
2.   Tartaric
3.   Methanoic
4.   Oxalic

Correct Option - **4**

---

**Que. 22**   White light is composed of how many colours?

1.   Six
2.   Seven
3.   Five
4.   Four

Correct Option - **2**

---

**Que. 23**   What is the SI Unit of temperature?

1.   Degree Fahrenheit
2.   Candela
3.   Kelvin
4.   Degree Celsius

Correct Option - **3**

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**Que. 24**   In which organ does most of the digestion take place in the human body?

1.   Large intestine
2.   Small intestine
3.   Stomach
4.   Pancreas

Correct Option - **2**

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**Que. 25**   Rusting of iron is an example of _____.

1.   condensation
2.   corrosion
3.   combustion
4.   evaporation

Correct Option - **2**

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**Que. 26** The substance that causes the maximum air pollution is?

1. Smoke
2. Carbon monoxide
3. Sulphur dioxide
4. Nitrogen dioxide

Correct Option - **3**

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**Que. 27** In which of the following, the amount of carbohydrate per gram is maximum?

1. Ghee
2. Egg
3. Sugar
4. Fish

Correct Option - **3**

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**Que. 28** Which of the following reproduces by spore formation?

1. Planaria
2. Bryophyllum
3. Hydra
4. Rhizopus

Correct Option - **4**

---

**Que. 29** What is the colour of rust usually formed on silver when it is kept in open?

1. Blue
2. Black
3. Green
4. Brown

Correct Option - **2**

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**Que. 30** Which gas is flushed in a bag of chips to prevent the chips from getting oxidized?

1. Oxygen
2. Nitrogen
3. Hydrogen
4. Helium

Correct Option - **2**

---

**Que. 31** Which of the following disease is **not** caused by virus ?

1. Polio
2. Aids
3. Conjunctivitis
4. Plague

Correct Option - **4**

---

**Que. 32** Which of the following mirror always forms the image smaller than the object?

1. convex mirror
2. concave mirror
3. plane mirror
4. either convex or concave mirror

Correct Option - **1**

---

**Que. 33** What is the unit of luminous intensity?

1. Watts
2. Lumen
3. Candela
4. Lux

Correct Option - **3**

---

**Que. 34** Which gas is typically produced when metal reacts with acids?

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

Correct Option - **3**

---

**Que. 35** Noise pollution is created if sound is in excess to

1. 70-75 dB
2. 50-60 dB
3. 80-99 dB
4. 40-65 dB

Correct Option - **3**

**Que. 36** Solve the following:

$$14 \div \{12 + 4 \times 3 - 5(1 + 1)\} = ?$$

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

Correct Option - **4**

**Que. 37** If 45% percent of X is $60\frac{6}{10}$, then what is the value of X?

1. 140.11
2. 134.67
3. 130
4. 153.22

Correct Option - **2**

**Que. 38** If 42906K2 is divisible by 3, then the minimum value of K is?

1. 2
2. 5
3. 1
4. 6

Correct Option - **3**

**Que. 39** If the side of the square is increased by 6%, then what will be the percentage increase in its area?

1. 13.5
2. 12.04
3. 12.12
4. 12.36

Correct Option - **4**

**Que. 40** How many numbers from 1 to 100 are multiples of both 4 and 6?

1. 5
2. 8
3. 10
4. 9

Correct Option - **2**

**Que. 41** What will be the simple interest for 4 months at the rate of 12 percent annual interest if the principal is Rs 2500?

1. 240
2. 150
3. 100
4. 200

Correct Option - **3**

---

**Que. 42** Heptagon have how many sides?

1. 6
2. 5
3. 8
4. 7

Correct Option - **4**

---

**Que. 43** How much distance will it cover in 10 minutes at a speed of 24.5 km/hr?

1. 4.08
2. 5.09
3. 3.04
4. 6.44

Correct Option - **1**

---

**Que. 44** What is the value of B if the ratio of A, B, and C is 1 : 2 : 3 and their sum is 240?

1. 48
2. 36
3. 80
4. 40

Correct Option - **3**

---

**Que. 45** What is the breadth of the rectangle if its length is 6 cm more than its breadth, and the area of the rectangle is 216 cm² ?

1. 20
2. 14
3. 12
4. 18

Correct Option - **3**

**Que. 46**  What percentage is 65 paise of 5 rupees?

1.  15%
2.  27%
3.  13%
4.  20%

Correct Option - **3**

---

**Que. 47**  The lengths of the two diagonals of a square field are (3x + 8) and (4x + 6). Then, the value of product of (3x + 8) and (4x + 6) is

1.  312
2.  132
3.  196
4.  156

Correct Option - **3**

---

**Que. 48**  What is the average of all the numbers if the average of six numbers is 74 and the seventh number is 79?

1.  72.01
2.  74.71
3.  84.44
4.  66.36

Correct Option - **2**

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**Que. 49**  A data card when sold for Rs. 14950 fetches a profit of 30%. Find the cost price of the data card. (In Rs.)

1.  10500
2.  9500
3.  11500
4.  12500

Correct Option - **3**

---

**Que. 50**  The average score of a batsman in 16 innings is 36. In the next innings, he scores 70 runs. What will be his new average?

1.  106
2.  38
3.  35
4.  53

Correct Option - **2**