



SOLDIER TRADESMAN

MAXIMUM MARKS : 100

TIME : 60 MINUTES

PASS MARKS : 32

TEST : 05

INSTRUCTIONS FOR THE CANDIDATES

1. Do not open answer book till ordered.
2. Question paper consists of two sections (Section A and Section B). Both the sections are compulsory. Answer to both sections will be marked only on the OMR Sheet which will be issued by Exam Centre. Candidates will not use question paper to answer the questions. Candidate has to score min. of 32 marks each in section A and B separately and a min of 80 marks in total to qualify in the exam.
3. Use only blue/black ball point pen to mark your answer on OMR Sheet. Use of pencil is strictly prohibited
4. Do not write any revealing identification in the OMR Sheet. Such candidates will be **DISQUALIFIED**.
5. space provided on page 2 may be used for Rough work.
6. After the termination of test please return the question booklet along with the OMR sheet to the Invigilator.
7. Please ensure that you have got the correct question paper and OMR Sheet

INSTRUCTIONS FOR INVIGILATION BOARD

8. Invigilation board will ensure that all candidates comply with the above instructions.
9. Invigilation board will explain the method and Do's and Donts regarding filling up of OMR Sheet.
10. On completion of examination the invigilation board will go through the work script and cross out with Green ink any part of answer sheet left blank by the candidates. The answer sheets will be packed after ensuring the action.
11. Presiding Officer will announce the set number of the question paper administered after distributing the question paper and will ensure that all the candidates have got the required set number.
12. Invigilation Board will ensure that all candidates comply with the above instructions. / Answers to all questions will be marked on OMR Sheet and this will be provided in situ by the Exam Centre.



GENERAL KNOWLEDGE

1. Amarnath Cave is located in_____
A) Himachal Pradesh
B) Andhra Pradesh
C) Jammu & Kashmir
D) Uttar Pradesh
2. What does sugarcane yield?
A) Spices
B) Rice
C) Sugar
D) Maize
3. Who was the founder of the Mughal dynasty?
A) Babar
B) Humayun
C) Akbar
D) Jahangir
4. E-mail stands for what?
A) Ecological Mail
B) Electronic Mail
C) Electric Mail
D) Easy Mail
5. In which year terrorists crashed two planes into New York's World Trade Centre on September 11 in a sequence destruction?
A) Year 2001
B) Year 2002
C) Year 2003
D) Year 2000
6. who is first Indian to win olympic gold in athletic ?
A) Abhinav Bindra
B) Milkha Singh
C) Neeraj Chopra
D) PT Usha
7. Kanyakumari is located in which state?
A) Andhra Pradesh
B) Tamil Nadu
C) Kerala
D) Odisha
8. Which Indian state's Election Department's name has been entered in Limca Book of Records for the formation biggest human logo comprising young voters in the state?
A) Mizoram
B) Tripura
C) Manipur
D) Meghalaya
9. State is carved out of Bihar?
A) Utrakand
B) Jharkhand
C) Kalahandi
D) Chattisgarh
10. International Court headquarters is located in ?
A) Vienna
B) The Hague
C) Rome
D) Geneva
11. Which of the following countries has given Tamil language an official language status?
A) Maldives
B) Indonesia
C) Mauritius
D) Singapore
12. The President of India can nominate how many Anglo Indian to the Lok Sabha?
A) 6
B) 9
C) 5
D) 2



13. "Green index" is developed by
- A) Reserve Bank
 - B) World Bank
 - C) International Monetary Fund
 - D) United Nations Environment programme

14. "A computer chip is usually made by"
- A) Chromium
 - B) gold
 - C) lead
 - D) Silicon

15. Golfer Vijay Singh is a citizen of which country?
- A) America
 - B) United Kingdom
 - C) India
 - D) Fiji

REASONING

16. a, d, c, f, ?, h, g, ?, i
- A) f, j
 - B) e, j
 - C) e, k
 - D) j, u

17. ABE:8::KLO: ... ?
- A) 39
 - B) 37
 - C) 35
 - D) 38

18. A girl leaves from her home. She first walks 30 m in north direction and then 30 m in west direction. Next, she walks 30 m in south direction. Finally she turns towards her house. In which direction is she moving?
- A) South
 - B) West
 - C) North
 - D) East

19. Find the missing terms out of the given alternatives
A, D, E, H, I, L, ?, ? :
- A) M, P
 - B) M, N
 - C) M, O
 - D) M, Q

20. If 'WATER' is written as "YCVGT", then what is written as 'HKTG'?
- A) NIFE
 - B) FIRM
 - C) FIRE
 - D) FINE

GENERAL SCIENCE

21. Goiter in human body is caused by..... deficiency?
- A) Copper
 - B) Iron
 - C) Iodine
 - D) Oxygen

22. What is the unit of measuring electrical resistance?
- A) Ampere
 - B) Ohm
 - C) Volt
 - D) Joule

23. Decibel is the unit of
- A) Speed of light
 - B) Sound intensity
 - C) Electricity
 - D) Energy

24. Which of the following is an ideal metal ?
- A) Steel
 - B) Gold
 - C) Iron
 - D) Copper



25. AIDS occurs due to which of the following?

- A) Protozoa B) Virus C) Bacteria D) Mildew

26. Green revolution is related to the production of

- A) Milk B) Sericulture C) Food grains D) Horticulture

27. Vitamin is found in excess in citrus fruits ?

- A) D B) B C) A D) C

28. Burning of candles is =

- A) Chemical change B) Physical changes
C) Both a and b D) None of these

29. Paper is made from

- A) Urea B) Cellulose C) Sugar D) Ethane

30. How long does it take for sunlight to reach the surface of the earth?

- A) 8 minute 20 second B) 4 minute 20 second
C) 6 minute 20 second D) 5 minute 20 second

31. ... is a mosquito-borne disease ?

- A) Malaria B) Jaundice C) Bird flu D) Aids

32. What are clouds made of ?

- A) Salt B) Vapour C) Soil D) Sugar

33. What is the percentage of oxygen in the atmosphere?

- A) 78% B) 21% C) 0.03% D) 71%

34. How many colours are there in a rainbow ?

- A) 07 B) 02 C) 06 D) 05

35. How is AIDS transmitted ?

- A) Protozoa B) Bacteria C) Virus D) Fungus

MATHEMATICS

36. Find the value of $\sin 60^\circ \cdot \cos 30^\circ + \tan 45^\circ \cdot \cos 60^\circ \cdot \sin 30^\circ$

- A) 13/16 B) 5 C) 1 D) -1/2

37. Find the value of $(25/81)^{1/2}$

- A) 9/25 B) 5/9 C) 975 D) 25/9



38. What is the value of 70% of 449
A) 314.3 B) 333.3 C) 349.3 D) 339.3
39. Factorize $6x^2 - 13x + 5$
A) $(2x - 5)(3x - 1)$ B) $(3x - 1)(2x - 3)$
C) $(2x - 1)(3x - 5)$ D) $(2x + 5)(3x - 1)$
40. If the base of a right triangle is 3 cm and the height is 4 cm, then what will be the area of the triangle?
A) 12 cm^2 B) 6 cm^2 C) 5 cm^2 D) 7 cm^2
41. $0.3 \times 0.3 \times 0.3 =$
A) 0.027 B) 0.27 C) 2.7 D) 0.0027
42. The average weight of 24 students of a class is 40 kg: If the weight of the teacher is also included, the average weight increase by 1 kg. What will be the weight of the teacher?
A) 45 kg B) 55 kg C) 65 kg D) None of these
43. Convert 0.25 into a simple fraction?
A) $1/4$ B) $1/5$ C) $1/25$ D) $1/6$
44. Solve the given expression :
 $2.9 \times 7.05 \times \sqrt{256} / (4)^2$
A) 21 B) 14.7345 C) 21.750 D) 20.445
45. Choose the most accurate numerical value of the given fraction
A) 0.6 B) 0.66 C) 0.666 D) 0.6666
46. Find the value of $\sqrt{169/289}$
A) $13/17$ B) $15/16$ C) $25/17$ D) $13/19$
47. Find the value of x in the equation given below?
 $x^2 - 16x + 63 = 0$
A) 0, 6 B) 2,3 C) 5,9 D) 7,9
48. A cricketer has completed 14 innings and his average is 30 runs. How man runs inust he make in his next innings so as to raise his average to 32?
A) 46 B) 56 C) 60 D) 64
49. Simplify the given expression :
 $[10^6 \times 10^3 \times 10^{-6} \times 10^{-3} 10^0 \times 0]$
A) 105 B) 108 C) 109 D) Zero



50. What is his speed in meters per minute? 50. A cyclist covers 12 km in an hour. What is his speed in meters per minute?
- A) 100 m/min B) 2000 m/min C) 200 m/min D) 300 m/min

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Answer Key

1.	C	11.	D	21.	C	31.	A	41.	A
2.	C	12.	D	22.	B	32.	B	42.	C
3.	A	13.	D	23.	B	33.	B	43.	A
4.	B	14.	D	24.	B	34.	A	44.	D
5.	A	15.	D	25.	B	35.	C	45.	A
6.	C	16.	B	26.	C	36.	A	46.	A
7.	B	17.	D	27.	D	37.	B	47.	D
8.	D	18.	D	28.	C	38.	A	48.	C
9.	B	19.	A	29.	B	39.	C	49.	D
10.	B	20.	C	30.	A	40.	B	50.	C