SOLDIER TRADESMAN

MAXIMUM MARKS : 100 **TIME :** 60 MINUTES

PASS MARKS : 32 **MODEL TEST :** 20

INTRUCTIONS 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 2may 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. PresidingOfficerwillannouncethesetnumberofthequestionpaperadministeredafterdistributing.the question paper and will ensure that all the candidates have got the required set number.
12. InvigilationBoardwillensurethatallcandidatescomplywiththeaboveinstructions./Answers to all questions will be marked on OMR Sheet and this will be provided in situ by the Exam Centre.

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GENERAL KNOWLEDGE

1. Headquarter of UNICEF situated
   A) Liyans (France) B) Hague C) London D) New York

2. Malgudi Days and The Guide were written by
   A) Prem Chand B) RK Narayan
   C) RN Tagore D) Salman Rushdie

3. Ranjeet Sagar Dam (Thein Dam) Project islocated on the river
   A) Beas B) Chenab C) Polo D) Cricket

4. When is Hindi Divas observed?
   A) 5 September B) 1 December C) 7 December D) 14 September

5. Pravasi Bhartiya Divas observed on
   A) 5 April B) 9 January C) 7 October D) None of these

6. The heavier silicates named as 'Sima' or silica magnesium are most abundant in the
   A) Crust B) Core C) Mantle D) Ocean floors

7. What name is given to an imaginary line which divides Earth in two equal half?
   A) Latitude B) Equator C) Longitude D) None of these

8. When was battle of buxar fought?
   A) 1705 B) 1728 C) 1756 D) 1764

9. Shivaji made his capital in 1674 AD at
   A) Sitaragarh B) Rajgarh C) Purandar D) Sangali

10. Sharadha Act is for
    A) Child marriage B) Widow remarriage C) Dowry D) Polygamy

11. The planning commission was set up in the year___
    A) 1947 B) 1950 C) 1952 D) 1948

12. Which of the following countries have written constitution?
    A) England B) Russia C) France D) Belgium

13. Which State has the maximum number of people living Below the Poverty Line?
    A) Bihar B) Madhya Pradesh
    C) Maharashtra D) Uttar Pradesh

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14. The 'Slack Season' in the Indian Economy is
A) March-April B) Sept-Dec C) Jan-June D) Feb-April

15. EXIM Bank was set up
A) 1980 B) 1982 C) 1985 D) 1986

REASONING

16. Find out the missing term in the following series.
0246, 6024, 4602, 2460,?
A)0426 B) 4620 C)2064 D) 0246

17. In the following question the first two words have a common relationship. Choose one word out of the given four alternatives, which will replace me question mark, having same relationship with the third, as the given pair has
Bullet: Rifle :: Arrow:?
A) Archer B) Bow C) Target D) Cord

18. In a certain code, CONDEMN is written as CNODMEN. How will TEACHER be written in that code?
A) TEACHER B) TAEECHR C) TCAEER D) TAECEHR

19. In question the given letters are rearranged, it forms a word which belongs to one of the four response options.
1. Infant 2. Child 3. lady 4. old 5. young
A) 5,4,2,3,1 B) 1,2,4,3,5 C)2,3,5,4,1 D) 1,3,2,5,4

20. A girl wants to go to her school. She started from her house which was in south and came to a crossing. The road to her right ended in a market, straight ahead was a cinema hall. In which direction was her school?
A) West B) South C) East D) North

GENERAL SCIENCE

21. Sweet potato is modification of:
A) Leaf B) Root C) Stem D) Flowering axis

22. Which of the following is a compound ?
A) Water B) Air C) Oxygen D) Iron

23. Which of the following is used as cooking gas?
A) Pentane B) butane C) Hydrogen D) Carbon dioxide

24. Which of the following is the symbol of Potassium ?
A) P B) Po C)K D)N

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25. Safety matches contain
A) Phosphorus B) Chlorine C) Silicon D) Fluorine

26. Paper is mainly made of.
A) Cellulose B) Silk C) Wool D) Silica

27. Which of these is a physical change?
A) Changing of milk B) Rusting of iron
C) Melting of wax D) Burning of paper

28. Which is known as suicidal bags of the cell?
A) Mitochondria B) Ribosome C) Lysosome D) Nucleolus

29. Which part of alimentary canal receives bile from the liver?
A) Stomach B) Small intestine C) Large intestine D) Oesophagus

30. Widal test is employed to diagnose:
A) Typhoid B) Tuberculosis C) Rabies D) AIDS

31. A biosphere reserve conserves and preserves.....
A) Wild animals B) Wild land
C) Natural vegetation D) All the above

32. Which of following is not a noble gas?
A) Helium B) Xenon C) Radium D) Neon

33. The widely used antibiotic, Penicillin, is produced by:
A) An alga B) a bacterium C) a fungus D) a virus

34. Fathometer is used to measure
A) Earthquake B) Rainfall C) ocean depth D) sound intensity

35. Which of the following is a balanced fertilizer for plants?
A) Urea B) Compost
C) Nitrates D)Ammonium sulphate

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MATHEMATICS

36. Calculate the compound interest of 5200 for 2 years at 6% per annum
A) 600.72 B) 642.72 C)700.12 D) 622.82

37. The average age of the 12 boys is 10 years and the average age of 11 boys is 9 years. What will be the age of 12th boy?
A) 10 years B) 21 years C) 19 years D)22 years

38. What is the L.C.M. of 64,96, 112 and 72?
A) 17 B)4032 C) 180 D) 1192

39. If one angle of a triangle is equal to the sum of the other two angles, then the triangle is an
A) Equilateral triangle B) Obtuse triangle
C) Isosceles triangle D) Right angled triangle

40. A car travels for 2 hours at 60 km/hour and for 1 hour at 40 km/hour. What is the average speed of the Car?
A) 53.33 km/hr. B)43.33 km/hr. C)33.33 km/hr. D) 30.33 km/hr.

41. Factorize the following: $5x^2 - 12x + 4$
A)(x + 2)(2-5x) B) (x + 1) (5x-4)
C)(x + 5)(2x + 1) D) (x - 2)(5x - 2)

42. Ifan article purchased for 40 is sold for 60, what is the % of profit or loss on the sale?
A) 50% B) 40% C)60% D) 30%

43. If$\log_2 x=3$, then 'x'= ? 1
A) 6 B) 9 C)3 D) 12

44. If55% of the students in a school are boys and the number of girls is 675, how many boys are there?
A) 625 B)825 C)725 D)925

45. A man bought a radio for Rs. 250. He paid Rs. 95 in cash and remainder installments of Rs. 15,50 each. The number of instillments will be:
A) 15 B) 8 C) 20 D) 10

46. In a music school 70% students are boys: If the total number of girls is 20 .Find out the number of the boys?
A) 575 B) 595 C)850 D) None of these

47. Find the value of(x, y) if 2y - 4x = 24 and y + 3x = 7.
A)(-1, 10) B)(1, 10) C)(10,1) D) (1,-10)

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48. The perimeter of a square field is 240 meters, what will be its area?
A) 480 sq.m B) 3600 sq.m C) 1600 sq.m D) 3500 sq.m

49. The set A = {4, 5, 6, 7} and B = {8, 9, 10, 11} then A ∩ B is.
A) {4,5,6,7,8,9,10,11} B) ϕ
C) {4,5,6,7} D) {8, 9, 10, 11}

50. A 140 meter long train passes a pole in 12 seconds. What is the speed of the train?
A) 30 km/h B) 42 km/h C)38 km/h D) 44 km/h

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Answer Key

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

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