SOLDIER TRADESMAN

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

PASS MARKS : 32 **MODEL TEST :** 17

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. The last emperor of the Mughal Dynasty was:
   A) Akbar B) Nasiruddin Shah
   C) Bahadur Shah Jaffar D) Babar

2. Kaziranga National Park is situated in -
   A) Assam B) Madhya Pradesh C) Orissa D) Arunachal Pradesh

3. Bhakhra Dam is on which river -
   A) Beas B) Ravi C) Sutlej D) None of these

4. The first country to launch any space vehicle is –
   A) USA B) USSR C) Canada D) India

5. Silly point word is connected with
   A) Tennis B) Cricket C) Hockey D) Football

6. What was the old name of Sri Lanka?
   A) Ceylon B) Babylon C) Yangoon D) None of these

7. The city of Patna is situated on the banks of which river?
   A) Yamuna B) Ganga C) Brahmaputra D) Cavery

8. Where in India is lignite found in abundance?
   A) Orissa B) Karnataka C) Rajasthan D) Tamil Nadu

9. Which place in India receives maximum average rainfall?
   A) Pune B) Mawsynram C) Guwahati D) Kanyakumari

10. Which space shuttle, was the first to make its voyage to me
    A) Columbia B) Atlantis C) Challenger D) Enterprise

11. What is the Capital of Thailand?
    A) Geneva B) London C) California D) Bangkok

12. In which State is Shri Harikota situated?
    A) Gujarat B) Andhra Pradesh C) Tamil Nadu D) Bihar

13. Where is Jim Corbette National Park located?
    A) M.P. B) Bihar C) Uttarakhand D) U.P

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14. Who was the first black President of South Africa?
A) Nelson Mandela B) Yasser Arafat
C) Winnie Mandela D) None of these

15. Vijaya Kumar is associated with which of the following games?
A) Swimming B) Tennis C) Shooting D) Archery

REASONING

16. Find the odd word from the given alternatives.
A) Distinction B) Scatter C) Segregation D) Classification

17. In a certain code language 'APPROACH' is written as 'CHOAPRAP', then how will 'RESTRICT' be written in the same code language?
A) CTRISTER B)ERTSIRTC C) CTRISTRE D) TCIRSTRE

18. John started walking towards north in the morning. After that, he turned in the opposite direction of the Sun. After that he turned left and stopped. Now, which direction is he facing?
A) North B) West C) South D) East

19. Find the letter group that will come in place of the question mark (?) in the given series. AEN, MQZ, CGP,?
A) OSB B) PUE C) MPX D) OTC

20. Select the word which cannot be formed from the letters of the given word.
SEGREGATION
A) EAGER B) SEA C) GATE D) NATION

GENERAL SCIENCE

21. 21. A detergent is
A) Cleaning agent B) Drugs C) Soap D) Catalyst

22. Which instrument is used to see heavenly bodies?
A) Binacular B) Telescope C) Periscope D) None of these

23. Convex mirror is used in :
A) Doctor's Headlamp B) Search lights
C) Car's head light D) Near the driver's seat

24. Air pressure at sea level is :
A) 76 cm of Hg B) 780 mm of Hg
C) 7.6 cm of Hg D) 760 cm of Hg

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25. Which of the following is not an electromagnetic wave?
A) Gamma ray B) Light ray C) X-ray D) Cathode ray

26. In which zone of the earth does air exist?
A) Stratosphere B) Intermediate Zone C) Troposphere D) None of these

27. Which one of the following is neither an Element nor a Compound
A) Air B) Glucose C) Gold D) Water

28. Which of the following is a chemical change?
A) Melting of ice B) Breaking of glass
C) Burning of coal D) Evaporization of water

29. Percentage of oxygen in atmosphere:
A) 33.33% B)25% C)21% D) 30%

30. The maximum number of electrons in second orbit of an atom is.
A) 8 B) 16 C)2 D)4

31. Which is the purest form of Iron?
A) Cast Iron B) Steel C) Wrought Iron D) None of these

32. Which of the following Vitamin is soluble in fat?
A) Vitamin B B) Vitamin C C) Vitamin D D) Riboflavin

33. Which is the rich source of vitamin C?
A) Tomato B) Lemon C)Amla D) Guava

34. Main function of large intestine is
A) Absorption of water B) Absorption of food
C) Digestion of fats D) None of these

35. Penicillin is commonly obtained from;
A) Algae B) Blue green mould C) Bacteria D) Virus

MATHEMATICS

36. The value of 'x' in 21/15=x/45
A) 36 B) 56 C) 63 D) 65

37. ($\sqrt{a^2 \times a^4}$a) =?
A) a^3 B) a^6 C) a^2 D) $a^{2.4}$

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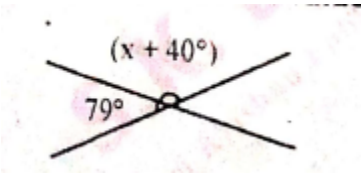
38. There are 3136 trees in the garden and the number of trees in each line is as much as the number of lines. The number of lines are:
A) 56 B) 46 C) 44 D) 54

39. Of the three numbers, second is twice the first and is also the average of the three numbers is 44, the largest number is
A) 24 B) 18 C) 72 D) 36

40. What will be the value of 'x' in the figure below:



A) 51° B)61° C)39° D) 119°

41. What is the angle between two adjacent sides of a regular polygon having 8 sides?
A) 130° B) 135° C) 140° D) 150°

42. In what time will 450 amount to 540 at 5% per annum at simple interest?
A) 5 years B) 4.5 years C) 4 years D) 3 years

43. The population of a town is increased from 133575 to 138918. The percent increase in population is :
A) 2.5 B) 3 C)3.5 D)4

44. 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)23.33 km/hour B) 53.33 km/hour
C)43.33 km/hour D) 33.33 km/hour

45. What is the square root of 237169?
A)487 B) 498 C) 465 D) 503

46. Complete the series –
1/5,3/7,6/11,10/19,……
A) 14/26 B) 18/26 C) 16/30 D) 15/35

47. The median of the data 30, 25, 27, 25.8, 29, 35, 38, 28 is :
A) 28.5 B)29.5 C)28 D) 29

48. In quadrilateral ABCD if AB = BC = CD = DA and AC = BD, then the quadrilateral ABCD is a:
A) Square B) Rectangle C) Trapezium D) None of these

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49. Solve for x and y: x+y=6, x - y = 2

A)x= 2, y=1 B)x= 3; y=1 C)x= 4, y=2 D) x = 2, y= 2

50. 1/6 part of the listeners are males,1/3 part are females and the remaining are children. What is the percentage of children of the total number of listeners?

A) 90% B) 50% C) 70 % D)40%

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Answer Key

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

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