SOLDIER TRADESMAN

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

PASS MARKS : 32   **MODEL TEST :** 11

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.

GENERAL KNOWLEDGE

1. In which year Battle of Haldighati was fought?
   A) 1557   B) 1576   C) 1810   D) None of these

2. First ever Railways was started in India in :
   A) 1853   B) 1850   C) 1901   D) 1847

3. First Indian to travel in Space :
   A) Kalpana Chawla   B) A.P.J. Abdul Kalam
   C) Rakesh Sharma   D) Jaspal Rana

4. What is the old name of Iran?
   A) Persian   B) Salisbury   C) Siam   D) Vienna

5. Which of the following is an important Rabi Crop in India?
   A) Wheat   B) Rice   C) Jowar   D) Millet

6. In which Census the population of India declined?
   A) 1921   B) 1931   C) 1941   D) 1901

7. To which of the following is Narain Karthikeyan associated?
   A) Information Technology   B) Election Commission
   C) Motor Sports   D) Football

8. Where is the Feroz Shah Kotala Stadium located?
   A) Delhi   B) Chennai   C) Bangalore   D) Manipur

9. India is not a member of which of the following?
   A) ASEAN   B) SAARC   C) NAM   D) G-15

10. NonCo-operation Movement was launched by Mahatma Gandhi in which year?
    A) 1920   B) 1919   C) 1922   D) 1940

11. Which of the following is considered the oldest among the Vedas?
    A) Rig Veda   B) Sam Veda   C) Yajur Veda   D) Atharva Veda

12. When did the second World War take place?
    A) 1914-1918   B) 1936-1945
    C) 1939 - 1945   D) 1938 – 1944

13. which state is Ajanta Caves located?.
    A) Maharashtra   B) Madhya Pradesh   C) Gujarat   D) Orissa

14. which state is Satish Dhawan Space Station located?
    A) Andhra Pradesh   B) Kerala   C) Tamil Nadu   D) Orissa

15. Revolution in India has been successful in case of :
    A) Wheat   B) Sugarcane   C) Rice   D) Mustard

REASONING

16. Find out the out the missing term in the following series.
    22,28,25,31,28,?
    A)25   B) 34   C)36   D)39

17. In the following question the first two words have a common relationship. Choose one word out of the given four alternatives, which will question mark, having same relationship with the third, as the given pair has:
    House : Room :: World :?
    A) Land   B) Sun   C) Air   D) Nations

18. If KASHMIR is written as 8142753, how RIMSHAK can be written in the code?
    A) 3574218   B)35718442   C)3521478   D)3574812

19. A word given in capital letters is followed by four answer words. Out of these only one cannot be formed by using the letters of the given words. Find out that word. CHEMOTHERAPY
    A) MOTHER   B) THERAPY   C) PANTHER   D) REMOTE

20. Ram and Shyam are brothers and Mahesh is the father of Ram. Jagat is the brother of Priya and Priya is the daughter of Shyam. Who is the paternal uncle of Jagat?
    A) Ram   B) Mahesh   C) Shyam   D) None of these

GENERAL SCIENCE

21. Heart of a frog has how many chambers?
    A) One   B) Two   C) Three   D) Four

22. Mammals have evolved from which of the following:
    A) Reptiles   B) Amphibians   C) Fishes   D) None of these

23. Where is the Bile secreted by liver stored?
    A) Liver   B) Gallbladder   C) Lungs   D) None of these

24. Which of the following lenses is used when a person feels difficulty in seems a distant object?
   A) Convex lens
   B) Concave lens
   C) Both convex and concave
   D) None of these

25. Boiling point of water is 100 deg C. What is its corresponding reading Kelvin scale?
   A)373
   B)273
   C) 150
   D) None of these

26. In a motor car, which is used for rear view?
   A) Plane mirror
   B) Convex mirror
   C) Concave mirror
   D) None of these

27. What is the chemical name of washing soda?
   A) Sodium Carbonate
   B) Potassium Carbonate
   C) Calcium Carbonate
   D) None of these

28. Which of the following contains maximum carbohydrates?
   A) Rice
   B) Wheat
   C) Meat
   D) None of these

29. Which of the following bird can fly to and fro
   A) Humming bird
   B) Kiwi bird
   C) Sparrow
   D) Crow

30. Flying mammal is
   A) Bat
   B) Platypus
   C) Penguin
   D) Kangaro

31. Which of the following is the national flower of India.
   A) Lotus
   B) Sunflower
   C) Lily
   D) Rose

32. The mammal that lay eggs is –
   A) Walrus
   B) Platypus
   C) Cat
   D) Kangroo

33. Rh-factor was first discovered in
   A) Human male
   B) Human female
   C) Dog
   D) Monkeys

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

35. In the lying water .... breeds :
   A) Virus
   B) Bacteria
   C) Fungus
   D) Germs

MATHEMATICS

36. The value of $a^9 \div a^7$
    A) a^{16} B) a^{63} C) a^2 D) a^9

37. $xy(3x^2 y^2 + 4y) =$
    A) $3x^3y+4$ B) $3xy^3 + 4xy^2$
    C) $3x^3y^3 + 4xy^2$ D) None of these

38. Evaluate : $-\dfrac{2^2 \times 3^4 \times 5^2}{10 \times 9}$
    A) 40   B)10   C)90   D)20

39. If 3:4 = 6 :x what will be the value of x:
    A) 5   B) 6   C) 7   D) 8

40. 72 km/hour=
    A)20 m/sec   B) 25 m/sec   C)2 m/sec   D) 200 m/sec

41. $\dfrac{2}{3} Of \dfrac{1}{3} \div \dfrac{1}{3} =$
    A) 3/4   B) 2/3   C) 2/5   D) ½

42. $\dfrac{1}{3} + \dfrac{2}{3} + \dfrac{5}{3} =$
    A) 3/4   B) 2/3   C) 2/5   D) 8/3

43. What least value must be assigned to *,, so that the number 325* 6 is divisible by 3?
    A) 4   B)2   C)3   D) 1

44. What is the compound interest when principle = 33,000, rate=5% per annum and time = 2 years?
    A) 307.50   B) 305   C)303.50   D) 300

45. 20% of 400 + 30% of 3 150 will be –
    A) 136   B) 120   C) 135   D) 125

46. The square root of 123454321 is –
    A)11111   B) 1111   C) 1234   D) 12345

47. The area of a rectangular field is 1053 m^2. Its length is 39 m. Its breadth will be:
    A) 27 mtrs   B) 29 mtrs   C) 30 mtrs   D) 13 mtrs

48. The sum of the reciprocals of two consecutives even numbers is 7/24. One number is 6. The other number will be :

A) 10   B) 8   C) 12   D) 16

49. Which of the following numbers is divisible by 9?

A) 1701827   B)6234588   C)7532458   D)6812348

50. $0.36 + 1/25 = ?$

A) 0.40   B) 12/5   C) 4   D) 40

SOLDIER TRADESMAN

Answer Key

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