SOLDIER TRADESMAN

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

PASS MARKS : 32   **MODEL TEST :** 13

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. The author of 'Indica' is
   A) Amir Khusro   B) Megasthenese   C) Nicoloson   D) Chankya

2. InquilabJindabad slogan is associated with :
   A) Chander Shekhar Ajad   B) Rajguru
   C) Bhagat Singh   D) Lala Lajpat Rai.

3. Ships are built in India at :
   A) Tuticorin   B) Vishakhapatnam   C) Kandla   D) Chennai

4. The first nuclear power plant was established at :
   A) Kota   B) Tarapur   C) Bhilai   D) Korba

5. Dalal Street is at :
   A) Kolkata   B) Chennai   C) Delhi   D) Mumbai

6. Uranium deposits in India maximum found in :
   A) Jharkhand   B) Orissa   C) Tamil Nadu   D) Chatisgarh

7. Das Capital was written by :
   A) Herbert Spenser   B) Shakeshpeare
   C) Karl Marx   D) Lio Tolstoy

8. Who wrote Maha Bharat
   A) Balmiki   B) VedVyas   C) Chanakya   D) Panini

9. Santosh' trophy is associated with the game :
   A) Hockey   B) Football   C) Tennis   D) Cricket

10. 2023 Cricket World Cup (One-day) will be held at :
    A) Australia and Newzeland   B) India
    C) West Indies   D) England

11. By which motions of the earth day and nights are formed?
    A) Rotation   B) Revolution   C) Solar   D) Equinox

12. 'Punch' is related with which of the event:
    A) Boxing   B) Volley Ball   C) Kabadi   D) Football

13. The land of rising sun is called :
   A) Myanmar   B) Japan   C) Korea   D) Kannad

14. "Godan' is written by:
   A) Jay Shankar Prasad   B) Rudyard Kipling
   C) Munsi Prem Chand   D) Adam Smith

15. What is the capital of Uttrakhand ?
   A) Lucknow   B) Dehradun   C) Haridwar   D) Shimla

REASONING

16. 2,3,5,8, 13, ..., 34.
   A)20   B)21   C) 15   D) 18

17. 6:3 ::?:4
   A) 8   B) 9   C) 18   D) 19

18. What number will come next in the following series?
   95, 96, 98, 101, ...
   A) 96   B) 104   C) 105   D) 99

19. If 'sugar' is to "sugar-cane' then 'curd' is to ....
   A) Milk   B) Ghee   C) Butter   D) Cheese

20. In a code language IMTITJU is written as TMIIUJT, then how will TEMREMP be written in the same code language?
   A) METERPM   B) METRPME   C) ETRMMEP   D) MTERPME

GENERAL SCIENCE

21. The device used for measuring potential difference is known as :
   A) Wheatstone-bridge   B) Ammeter
   C) Galvanometer   D) Voltmeter

22. Normal temperature of human body is 98.4°F. Its temperature in Celsius is :
   A) 38°C   B)36.8°C   C)37°C   D)37.8°C

23. The voltage of electric current supplied at home is :
   A)220 V   B)200V   C)440V   D) 110V

24. The rate of change of velocity is :
    A) Acceleration   B) Speed   C) Power   D) None of these

25. The blood pressure in healthy human beings is :
    A) 80/110 mm   B) 120/80 mm   C) 90/120 mm   D) 100/120 mm

26. If a diamond is thrown in burning charcoal, it forms
    A) New diamond   B) CO_2 C) Diamond melts   D) No change

27. Purity of milk is measured by which equipment?
    A) Hydrometer   B) Barometer   C) Lactometer   D) Voltmeter

28. Hardest part in the human body is :
    A) Dentine   B) Enamel   C) Keratin   D) Bone

29. Speed of light is :
    A) 3×10^8 km/s B) $3 * 10^8$ m/s   C) $3 * 10^6$ km/s   D) $3 * 10^8$ cm/s

30. Disease caused by deficiency of Vitamin C is?
    A) Rickets   B) Beri-Beri   C) Scurvy   D) Niolin

31. We get vitamin .... from the sun.
    A) E   B) D   C) K   D) C

32. ___ times a healthy takes breath in one minute.
    A) 20   B) 22   C) 18   D) 17

33. Atmospheric pressure is measured by
    A) Barometer   B) Lactometer   C) Thermometer   D) Hygrometer

34. ____ray are used in hospital to find out the broken bone.
    A) X   B) Y   C) Y   D) Z

35. Carbon dioxide in air is:
    A) 3%   B) .003%   C) .03%   D) 20%

MATHEMATICS

36. Two persons P and Q start a business together. P invests 8000. P. and Q share the profit as 360 and 3450 respectively. The investment of Q is :
    A) 9000   B) 10000   C) 12000   D) 15000

37. 72 km/hour

A) 20 m/sec   B) 25 m/sec   C)2 m/sec   D) 200 m/sec

38. $\frac{2}{3} Of \frac{1}{3} \div \frac{1}{3}$

A) ¾   B) 2/3   C) 2/5   D) ½

39. $\frac{1}{3} + \frac{2}{3} + \frac{5}{3}$

A) ¾   B) 2/3   C) 2/5   D) 8/3

40. 0.2-.02 –.002 = ?

A).178   B) .160   C)-.002   D).170

41. $2^2 + 5^2 + 8^2 + 11^2$

A) 314   B) 224   C)214   D)218

42. $a^4 = 16$ then a = ?

A) 1   B) – 3   C) 4   D) 2

43. 0.1+0.01 +0.001 = ?

A)0.1   B)0.121   C)0.222   D)0.115

44. √0.04 = ?

A) 0.4   B) 0.2   C) 0.6   D) 0.3

45. $\frac{1}{7} + \frac{2}{7} + \frac{4}{7}$

A) 2   B) 3   C) 1   D) 4

46. 9-6= 3 x 2 + 1 = ?

A) 4   B) 6   C)3   D)9

47. If x = 0 then x/y = ?

A) 3   B)2   C) 1   D) 0

48. At present Vimal is older than Arun by10 year 7 years later she will be twice than Aruna. Find the their present ages.

A) 5 years, 10 years   B) 6 years, 12 years
C) 3 years, 13 years   D) 8 years, 16 years

49. A, B and C started a business with a capital of 7000, 9000 and 11000 respectively. At the end they got profit of 8100. The shares of A and B are:

A) 2700, 3300   B)2100, 2700   C) 1800, 2100   D) 2100, 3300

50. A man buys a old typewriter for 1200. His overhead expenses are 200. He sells the typewriter for1680. The profit percent of his iş :

A)20%   B) 10%   C)8%   D) 16%

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Answer Key

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