SOLDIER TRADESMAN

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

PASS MARKS : 32 **MODEL TEST :** 01

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.

MUPPADAI TRAINING ACADEMY - VELLORE, TRICHY

GENERAL KNOWLEDGE

1. Cotton for textile was first cultivated in_____
   A) Egypt B) Mesopotamia C) Central America D) India

2. Who called Gandhiji "half naked beggar"?
   A) Mountbattern B) Hasting C) Churchill D) Jinnah

3. The Constitution of India was adopted on_____
   A) Feb 11 1948 B) Nov 26 1949 C) Jan 26 1950 D) None

4. When was the first National policy issued by the Government of India?
   A) 1940 B) 1942 C) 1952 D) 1999

5. Who had estimated National Income in India first?
   A) Dadabhai Naoroji B) R.C.Dutt C) V.K.R.V.Rao D) D.R.Gadgil

6. Which king of the gupta Dynasty was called the Napolean of India?
   A) Samudragupta B) Chandragupta I
   C) Srigupta D) Chandragupta II

7. Who is the author of "Anandamath"?
   A) Aurobindo Ghosh B) Bankim Chandra Chatterjee
   C) MK Gandhi D) Rabindranath Tagore

8. Lavani is one of the most popular forms of dance and music practised in____
   A) Maharashtra B) Bihar C) Gujarat D) Andhra Pradesh

9. Which planet is known as Earth's twin?
   A) Venus B) Mars C) Uranus D) Neptune

10. Fundamental rights have been adopted from which constitution?
    A) USA B) UK C) Canada D) Ireland

PHYSICS

11. Who is the first Asian winner of Nobel winner?
    A) CV Raman B) Rajiv Gandhi C) Rabindranath Tagore D) Teresa

12. Which is the highest Military Award during peace time?
    A) Ashok chakra B) Kirti chakra
    C) Shurya chakra D) None

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13. The supreme Commander of Armed Forces?
A) Prime Minister B) President C) Field Marshall D) General

14. Largest fresh water lake in the world is_____
A) Baikal lake B) Superior lake C) Wular lake D) Vembanad lake

15. Headquarter of World Health Organization is located in_____
A) London B) Kathmandu C) Newyork D) Geneva

LOGICAL REASONING

16. Find out the next term of the series given below? [2, 6, 14, 30.....?]
A) 68 B) 52 C) 48 D) 62

17. A man is facing south. He turns 135 degrees in the anti-clockwise di and then turns 180 degrees in clockwise direction. Which direction is the man facing now?
A) North-East B) North-West C) South-West D) South-East

18. In a certain code "DAUGHTER' is written as "TERDAUGH'. How 15 'APTITUDE' written in that code?
A) DEUAPTIT B) UDEAPTIT C) DUEAPTIT D) DAUEPTIT

19. Find out the next term of the series given below?
[5,25, 125,625, 3125 .....]
A) 3750 B) 5325 C) 15625 D) 61325

20. In a code language TEMPORARY is written as 'EPRSAYOYM'and 'EXCUSE' is written as 'PGNVXP? How is 'ASSURE' written in that code?
A) OPPVYP B) OXXVYP C) OPPVXP D) OXXYVP

MATHEMATICS

21. Find the largest four digit number exactly divisible by 55
A) 9900 B) 9955 C) 9945 D) 9960

22. Find the cube root of 9261?
A) 12 B) 21 C) 15 D) 17

23. LCM of 36,81,98
A) 15876 B) 18576 C) 15786 D) 15678

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24. The average of first ten prime numbers is___
A) 12 B) 12.9 C) 13 D) 14

25. The fourth proportional to 25,15 and 40 is___
A) 24 B) 48 C) 10 D) None of these

26. Sheela bought a saree for Rs.200 and sold it for Rs.150. Her loss percent is___
A) 50 B) 25 C) 30 D) 15

27. The simple interest on Rs.7000 for 4 months at 10% per annum
A) 233.33 B) 230 C) 350 D) 450

28. Ramesh can do a piece of work in 20 days and Santhosh can do it in 12 days. How long will they take if both work together?
A) 5 days B) 6 ½ days C) 7 ½ days D) 8 days

29. A train passes telegraph post in 40 s moving at the rate of 36 km/h. Then the length of the train is__
A) 400m B) 500m C) 450m D) 395m

30. The radius of a circular field is 14 m. Find the area.
A) 166 m^2 B) 616 m^2 C) 762 m^2 D) 672 m^2

31. Solve the given expression?
2.9x7.05 x√256/4^2
A) 21 B) 14.7345 C) 21.750 D) 20.445

32. Lowest Common Multiple (LCM) of two numbers is 1134 and Highest Com mon Factor (HCF) is 18. If one of the numbers is 162, Find out the other number?
A) 126 B) 111 C) 121 D) 131

33. A cricketer has completed 14 innings and his average is 30 runs. How many runs must he make in his next innings so as to raise his average to 32?
A) 46 B) 56 C) 60 D) 64

34. When the length of the shadow of a pillar is equal to its height, the elevation at source of sight is :
A) 30 degree B) 45 degree C) 60 degree D) 90 degree

35. A can complete a job in 10 days whereas B can do a pice of work in 15 days How long will it take A and B to do together to complete the job?
A) 6 days B) 12 days
C) 10 days D) 20 days

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GENERAL SCIENCE

36. degree Fahrenheit = _____degree Celsius
A) Zero B) 100 C) 48 D) 24

37. _____Bone is found in human leg.
A) Femur B) Radius C) Ulna D) Humerus

38. Leaves are green due to presence of ..... in plants.
A) Chlorophyll B) Water C) Xylem D) Light

39. Which of these is a renewable source of energy?
A) Coal B) Petroleum C) Wind D) Natural

40. Gas Fish breath through .....
A) Skin B) Gills C) Lungs D) None of these

41. What is the chemical formula of Calcium Hydroxide?
A) CaCl B) Ca(OH) C) CaCO D) ZnCl

42. What will happen to the weight of a man on moon?
A) Increase B) Decrease C) Remain same D) None of These

43. Symbol of Iron is_____
A) F B) Fe C) I D) L

44. Maximum atmospheric pressure is observed at sea level. As the height increases the atmospheric pressure_____
A) Decreases B) Increase C) Remains same D) None of these

45. ..... is good conductor of Electricity.
A) Glass B) Paper C) Rubber D) Copper

46. When the metal is heated, its density .....
A) Increases B) Decreases C) Remains same D) None of these

47. Rubber is produced from .....
A) Polyster B) Chemical C) Tree D) Diesel

48. Needle on a compass always points towards the ..... direction.
A) North B) South C) East D) West

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49. _____discovered Penicillin.

A) Alexander Flemming
B) Louis Pasture
C) Edward Jenne
D) Leuven hock

50. Bauxite is an ore of which metal?

A) Iron
B) Aluminium
C) Copper
D) Tin

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ANS KEY – Tradesman

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

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