SOLDIER TRADESMAN

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

PASS MARKS : 32 **MODEL TEST :** 10

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. Who gave the slogan "Jai Jawan Jai Kisan"?
   A) Nehru B) Lal Bahadur Shastri
   C) Indra Gandhi D) Rajeev Gandhi

2. Thomas Cup is associated with which sports?
   A) Hockey B) Football
   C) Tennis D) Badminton

3. Who wrote the famous national song 'Vande Matram'?
   A) Bankim Chandra Chatterjee B) Shyam Prasad Mukherji
   C) Sharad Chandra Chatterjee D) Hrishikesh Mukherji

4. Brazil is the largest producer and exporter of:
   A) Tea B) Coffee C) Wheat D) None of these

5. Who is known as Iron Man of India?
   A) Rajiv Gandhi B) Jawahar Lal Nehru
   C) Sardar Patel D) Mahatma Gandhi

6. Which of these not a State?
   A) Jharkhand B) Goa C) Mumbai D) None of these

7. Who founded the Banaras Hindu University?
   A) Gopal Krishna Gokhle B) Madan Mohan Malviya
   C) Moti Lal Nehru D) Mahatma Gandhi

8. The disease Malaria is caused by :
   A) Human beings B) Mosquito C) Bacteria D) Flies

9. Which is a rich source of Protein?
   A) Carrot B) Soyabean C) onion D) Tomato

10. Which Country won maximum medals in Tokyo Olympic? :
    A) China B)Britain C) United states D) Australia

11. In which State Sunderbans deltas are?
    A) Bihar B) West Bengal C)Tamilnadu D) Orissa

12. The Capital of Goa is?
    A) Raipur B) Kohima C) Dispur D) Panaji

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13. Bansagar Dam is built on which river.
A) Narmada B) Son C) Kaveri D) Ganga

14. Which is the capital of Mizoram?
A) Itanagar B)Aizwal C) Kohima D) Shillong

15. Lothal is a historical site of :
A) Rigvedic age B) Iron age C) Indus valley age D) Gupta age

REASONING

16. From the given options fill the blank space in the series :
DEF, DEF2, DE2F2, (___) D2E2F3
A) D2E2F2 B) D2EF3 C) D2EF3 D) D3E3F2

17. In a certain code language 'CLOCK' is written as 'KCOLC'. How will 'STEPS' be written in that code?
A) STESP B) SPEST C)SPTES D) SPETS

18. Raju walks 10 km towards North of point 'P', then he turns to his right and walks 3 km, thereafter he turns to his right again and walks 6 km. How far is he now from the starting point?
A)2 km B) 5 km C)4 km D) 10 km

19. From the given options fill the blank space in series :
A, C, F, H, (-), M.
A) J B) I C)L D) K

20. One term in the number series is wrong. Find the wrong term :
5, 10,40,80, 320, 550, 2560
A) 2560 B) 80 C)320 D) 550

GENERAL SCIENCE

21. Water is composed of which of the following elements?
A) Hydrogen-Oxygen B) Hydrogen-Nitrogen
C) Oxygen-Nitrogen D) None of these

22. What is H_1N_1?
A) Cough B) Bird Flu C) Fever D) Swine Flu

23. Which of the following is the best conductor of heat?
A) Gold B) Copper C) Silver D) Stone

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24. Universal recipient blood group is :
A) O B) AB C)A D) E

25. Which of the following Vitamin is soluble in fat?
A) Vitamin B B) Vitamin C
C) Vitamin A D) None of these

26. Blood platelets help in
A) the manufacture of R.B.C. B) Clotting of blood
C) The manufacture of W.B.C. D) The manufacture of monocytes

27. Which of the following is a rich source of energy but never causes atmospheric pollution?
A) Nuclear energy. B) Coal C) Solar energy D) Wood

28. The protein molecule is made up of small units which are called :
A) Fatty acids B) Amino acids C) Nucleotides D) Nucleosides

29. An electromagnet is made of:
A) Zinc B) Copper C) Steel D) Soft Iron

30. Sound energy is converted into electrical energy by :
A) Sonometer B) Microphone C) Ear phone D) None of these

31. Which is the hardest substance?
A) Gold B) Iron C) Diamond D) Graphite

32. The colour of human skin is produced by:
A) Hemoglobin B) Insulin C) Adrenaline D) Melanin

33. Newton has given___ laws of motion.
A) 1 B)2 C) 3 D) None of these

34. One of the common fungal disease of man is :
A) Cholera B) Plague C) Typhoid D) Ring worm

35. Yeast is an important source of :
A) Vitamin C B) Vitamin A C) Riboflavin D) Vitamin D

MATHEMATICS

36. A 180 meter long train at the speed of 90 km/h will cross a 320 meters platform
A) 20 Seconds B)2 minutes C) 3 minutes D) 45 seconds

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37. The population of a villages is 16220 out of it 55% are men then find how many women are there?
A) 7299 B) 7399 C) 7295 D) 7699

38. √1089 =?
A)22 B)33 C) 32 D) None of these

39. If the area of a circle is 154 square meter then is its radius will be:
A) 8m B) 7m C) 6 m D) 5 m

40. The value of following (0.075 0.075 -0.225 x 0.225)/(0.075 -0.225)
A) 0.3 B)30.005 C) 3.005 D) 2555

41. If 9x-8=0, then the value of x is
A) 4 B)2 C) 3 D) 9

42. 2 years ago a father was 6 time as old as his son. After 18years he will become double the age of his son. Find the present age of the father.
A) 28 years B) 35 years C) 40 years D) 32 years

43. Pradeep goes 10 mtr to east and then 24 mtr north. Find his shortest distance from the starting point?
A) 26 m B)20 m C) 32 m D) None of these

44. One of the acute angles of a rightangled triangle is 55°. other acute angle will be
A) 45° B) 35° C)90° D) None of these

45. If area of a square is 1024 cm^2 then, the length of its sides are
A)32 cm B) 64 cm C) 12 cm D) None of these

46. What is 20% of (50 + 70)?
A)22 B)24 C) 19 D) None of these

47. Dimensions of room are 10m x6m *4m. The cost of white wash on the walls at the rate of rupees 1 per square meter.
A) Rs. 128 B) Rs. 228 C) Rs. 328 D) Rs. 182

48. The length of the sides of a square was increased by 50%. By how many percent did the area of the square increase?
A) 100 B) 125 C)225 D) None of these

49. The square root of 346921 is
A) 570 B) 589 C)508 D) 564

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50. The factors of $6x^2 - 13x - 5$ are

A) (2x–5) (3x+1)

B)(3x–5) (2x-1)

C)(5-3x) (2 - x)

D) None of these

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Answer Key

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

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