SOLDIER TRADESMAN

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

PASS MARKS : 32   **MODEL TEST :** 18

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. Who many gold did Usain bolt won in Olympics 2
   A) 9   B) 10   C) 8   D) 7

2. The highest Civilian Award of India is:
   A) Bharat Ratan   B)Padma Vibhushan
   C) Padma Bhushan   D) Param vir chakra

3. Neeraj Chopra is associated with which event in athletic?
   A) Hammer throw   B) Javelin throw   C) Shot put   D) Discuss throw

4. Which is the capital of Iran?
   A) Paris   B) Kabul   C) Thimpu   D) Tehran

5. Mac Mohan line is between which two countries?
   A) India and Pakistan   B) India and China
   C) Pakistan and Sri Lanka   D) Pakistan and China

6. Who is the author of book "The Discovery of India'?
   A) Mahatma Gandhi   B) Sarojini Naidu
   C) Jawahar Lal Nehru   D) Indira Gandhi

7. Who gave the popular slogan "Dilli Chalo"?
   A) Jawahar Lal Nehru   B) Subhash Chandra Bose
   C) Khudiram Bose   D) Chandra Shekhar Azad

8. Varanasi is situated on the banks of which river?
   A) Yamuna   B) Sangam   C) Tapti   D) Ganga

9. How many Vedas are there?
   A) Four   B) Eight   C) Nine   D) Ten

10. When wasRailway started in India?
    A) 1850   B) 1853   C) 1901   D) 1847

11. Which is the currency of Japan?
    A) Pound   B) Dollar   C) Yen   D) Dinar

12. When did Jallianwala Bagh Massacre took place?
    A) 13 April 1929   B) 13 April 1919   C) 13 April 1915   D)13 April 1920

13. Which planet is popularly known as evening star and morning
    A) Mercury   B) Venus   C) Mars   D) Jupiter

14. Duleep Trophy is associated with?
    A) Hockey   B) Football   C) Cricket   D) Tenis

15. Highest Gallantry awards is?
    A) Param Vir Chakra   B) Maha Vir Chakra
    C) Vir Chakra   D) Kriti Chakra

REASONING

16. If the word BOXER is coded as AOWGO, then how will the coded?
    A) WKSKU   B) UKRKS   C) WKRKS   D) ULRKT

17. Introducing a boy, a girl said, "Ile is the son of the daughter of the father of uncle". How is the boy related to the girl?
    A) Cousin   B) Son-in-law   C) Nephew   D) Uncle

18. From the given options complete the series:
    DKY, FJW, HIU, JHS, ...
    A) LGQ   B) KFR   C)KGR   D) LFQ

19. Ramu, from a place 'A' travels a distance of 5 km towards north then turns left and walks 3 km again turns right and walks 2 km. Finally turns right and walks 3km to reach the place 'B'. What is the distance between 'A' and 'B'?
    A) 7 km   B) 10 km   C) 13 km   D) 8 km

20. From the given options fill in the blank in the following series :
    64,32, 16,8 ....
    A)2   B) 4   C) 1   D) 3

GENERAL SCIENCE

21. Which lens is used to remove myopia?
    A) Convex Lens   B) Concave Lens
    C) Convex Lens and Concave Lens   D) Double Convex Lens

22. Why a coin placed in water appears raised?
    A) Due to reflection of light   B) Due to Divergence
    C) Due to refraction of light   D) None of these

23. Whose unit is Ampere?

A)Ohm   B)Ampere meter   C) Electric Current   D) Resistance

24. One Watt hour is equal to?

A) 60 Watt   B) 3600 Joule   C) 3600 Joule   D) None of these

25. Who invented Computer?

A) Charles Babbage   B) Marconi   C) Newton   D) Archimedes

26. Which magnet is temporary?

A) Simple Magnet   B) Electric Magnet

C) Double Magnet   D) None of these

27. What is the chemical symbol of Sodium?

A) Na   B) Ag   C) Au   D)Cl

28. What is the velocity of light?

A) 4×10^{10} m/sec   B) 9×11^{10} m/sec

C)6×3^{10} m/sec   D) 3×10^{8} m/sec

29. What is velocity of sound in air at 0° centigrade?

A) 332 m/sec   B)432 m/sec   C) 330 m/sec^2 D) 230 m/sec

30. Electric current is measured by?

A) Tachometer   B) Volt meter   C)Ammeter   D) Barometer

31. Nearest planet to the Sun is?

A) Venus   B) Mercury   C) Pluto   D) Earth

32. What will be the effect on resistance if the length of conductor wire is doubled?

A) No Change   B) Halved   C) Doubled   D) None of these

33. Night Blindness is caused due to deficiency of which vitamin

A) A   B) B   C) C   D)D

34. Write the chemical formula of Sulphuric Acid?

A) So_2 B)$2C_2 O$ C) H_2SO_4 D) NaOH

35. Microorganism are seen by which instrument?

A) Telephone   B) Barometer   C) Telegraph   D) Microscope

MATHEMATICS

36. Find the cube root of 1728?

   A) 13   B) 12   C) 14   D) 15

37. Find the fourth proportional to 7, 5 and 14?

   A) 150   B) 15   C) 110   D) 10

38. Find the roots of the quadratic equation $6x^2 - x - 2 = 0$

   A) 3/1 and 4/3   B) 5/3 and 4/3   C) 2/3 and -1/2   D) 4/5 and 3/2

39. Find the compound interest on 600/- for 2 years at 12% per annum?

   A) 3816.00   B) 72155.00   C) 4180.00   D) 152.64

40. A can do a piece of work in 10 days, while A and B can together do the same work in 6 days. How long will B take to do the work alone?

   A) 18 days   B) 16 days   C) 19 days   D) 15 days

41. From the table given below. Find mean :

Variable	1	2	3
Frequency	3	1	3

   A) 2   B) 3   C) 4   D) 9

42. 1008 divided by which single digit number gives a perfect square?

   A) 7   B) 8   C) 9   D) 4

43. 43. Five year ago a father was 7 times as old as his son. After 5 years the father will be three times older than son. Find the present age of the father and the son

   A) 50 year, 14 year   B) 40 year, 10 year

   C) 60 year, 14 year   D) None of these

44. The mean proportion of 1.21 and 0.09 is

   A) 3.03   B) 0.033   C) 0.33   D) 3.3

45. Write the simple form :

$$\left(\frac{2a}{\sqrt{3}}\right)^4$$

   A) $9/15\ a^4$ B) $7/13\ a^6$ C) $16/9\ a^4$ D) $18/3\ a^4$

46. The area of a rectangular field is 2500 m^2. Its one side is 20mn long. Find its second side?

   A) 12 m   B) 125 m   C) 130 m   D) 145 m

47. A Cylindrical vessel is made of a thin sheet of metal. It is closed at both ends. The radius of vessel is 7 cm and height is 20 cm, then find its capacity?
A) 180 cm^3 B) 1190 cm^3 C) 3080 cm^3 D) 5030 cm^3

48. If 2 is added to numerator of a fraction then fraction will be 1 and if 8 is added to the denominator then fraction will be 1/2, find the fraction?
A) 7/6   B) 5/7   C) 7/9   D) 10/12

49. 49. Ifroad between NewDehli to Dhaulakuan is 12 km long and 10 m wide. Find the area of this road?
A) 0.12 km^2 B) 12.12 km^2 C) 13.10 km^2 D) None of these

50. Find the area of the triangles whose sides are 5 cm, 12 cm and 13 cm?
A) 20 cm^2 B) 30 cm^2 C) 40 cm^2 D) 50 cm^2

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Answer Key

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