

## **SOLDIER TRADESMAN**

**MAXIMUM MARKS : 100**

**TIME : 60 MINUTES**

**PASS MARKS : 32**

**MODEL TEST : 23**

### **INSTRUCTIONS 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 2 may 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. Presiding Officer will announce the set number of the question paper administered after distributing the question paper and will ensure that all the candidates have got the required set number.
12. Invigilation Board will ensure that all candidates comply with the above instructions. / 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 First Census was conducted in the year?  
A) 1872                      B) 1881                      C) 1891                      D) 1901
2. The largest tribal group of India is  
A) Bhils                      B) Gonds                      C) Santhals                      D) Tharus
3. The Book “Wealth of Nation was” written by  
A) Eric Roll                      B) J.M.Keynes                      C) Adam smith                      D) Harold Laski
4. Which of the following is a indirect tax?  
A) Corporation Tax                      B) Excise Tax  
C) Wealth Tax                      D) Capital Gains Tax
5. What is the age of retirement of a judge of supreme court?  
A) 55                      B) 58                      C) 62                      D) 65
6. What is the minimum and maximum strength of State Legislative Assembly?  
A) 60-500                      B) 40-400                      C) 80-600                      D) 90-500
7. Bhagat Singh with his companions Sukhdev and Rajguru was hanged at \_\_  
A) 23 Mar 1931                      B) 27 Feb 1931                      C) 30 Mar 1931                      D) 1929
8. The technique of Satyagraha was developed by Gandhiji while he was in \_\_  
A) South Africa                      B) Champaran                      C) Chauri Chaura                      D) Sabarmati
9. The integration of Indian states into the Indian Union was done by \_\_  
A) Gandhiji                      B) Sardar Patel  
C) Maulana Azad                      D) JL Nehru
10. Mohammad Gauri was the ruler of \_\_  
A) Persia                      B) Iraq                      C) Afghanistan                      D) Iran
11. Which river flows from East to West?  
A) Godavari                      B) Narmada                      C) Cauvery                      D) None
12. The largest steel plant was installed at \_\_  
A) Bhilai                      B) Bokaro                      C) Raurkela                      D) Durgapur
13. Name the last Trithankara  
A) Parsvanath                      B) Mahavira                      C) Siddhartha                      D) Subhadra



14. Who was the first lady to become Prime Minister of any country in the world?  
A) Indhira Gandhi      B) Goldamier      C) Srimao Bandaranaike      D) None

15. ISRO Situated in\_\_\_  
A) Chennai      B) Bengaluru      C) Pune      D) Trivandrum

### GENERAL INTELLIGENCE

16. Which number will replace the question marks (?) in the following series  
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. "Lawyer' is related to 'Justice in the same way as 'Arbitrator' is related to

A) Communication      B) Injustice      C) Settlement      D) Judgment

19. AEN, MQZ, CGP, ?

A) OSB      B)PUE      C) MPX      D) OTC

20. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

A) Fennel      B) Groundnut      C) Mustard      D) Cumin

### MATHEMATICS

21. Find the place of 2 in 832567

A) 200      B) 2      C) 2000      D) 20000

22. Find the HCF of  $\frac{25}{6}$  and  $\frac{15}{4}$

A)  $\frac{5}{2}$       B)  $\frac{7}{12}$       C)  $\frac{5}{12}$       D)  $\frac{77}{2}$

23. Find the cube root of 3375

A) 15      B) 25      C) 35      D) 45

24. 0.001 is equivalent to

A) 10%      B) 1%      C) 0.01%      D) 0.1%

25. A book seller mark price on a book 200 and discount is 10. What is the discount percentage?

A) 9%      B) 10%      C) 5%      D) 8%

26. The average of even numbers from 1 to 50

A) 25      B) 26      C) 40      D) 35



27. The mean proportional of 9 and 16 will be

- A) 11                      B) 12                      C) 13                      D) 14

28.  $\sqrt{4\sqrt{4\sqrt{4\sqrt{4\sqrt{4}}}}}$

- A) 0                      B)  $4^{31/32}$                       C) 1                      D) 4

29.  $[1-2(3-4)^{-1}]^{-1}$

- A)  $\frac{1}{4}$                       B)  $\frac{1}{3}$                       C)  $\frac{1}{2}$                       D)  $\frac{1}{6}$

30. If 90% of A = 30% of B and B = x% of A the value of X

- A) 800                      B) 300                      C) 700                      D) 400

31. The ratio of 40m and 2km

- A) 1:50                      B) 2:35                      C) 1:40                      D) 3:25

32. Square of  $9x-7xy$

- A)  $81x^2 + 49x^2y^2$   
B)  $81x^2 - 49x^2y^2$   
C)  $81x^2 + 49x^2y^2 - 126x^2y$   
D)  $81x^2 + 49x^2y^2 - 63x^2y$

33. If  $x = \frac{4}{5}(x+10)$  find the value of x?

- A) 39                      B) 40                      C) 41                      D) None of these

34. If the perimeter of a rectangle is 28cm Whereas its area is  $48m^2$ . what is the length of diagonal

- A) 5 m                      B) 10 m                      C) 12 m                      D) 12.5 m

35. The external angle of regular polygon is  $72^\circ$  Find the sum of all the internal angles of it?

- A)  $360^\circ$                       B)  $480^\circ$                       C)  $352^\circ$                       D)  $540^\circ$

### GENERAL SCIENCE

36. How many liters are present in one Gallon?

- A) 3.5                      B) 4.54                      C) 1.25                      D) 3.75

37. Change in position in a particular direction of an object is called\_\_

- A) acceleration                      B) displacement                      C) velocity                      D) force

38. Negative acceleration of a body is called \_\_-

- A) momentum                      B) force                      C) displacement                      D) retardation



39. The energy that stored in watch spring\_\_  
A) kinetic energy  
B) potential energy  
C) heat energy  
D) chemical energy
40. Which of the following is the cleanest source of energy  
A) Bio fuel  
B) Fossil fuel  
C) Nuclear power  
D) Wind energy
41. Acceleration due to gravity of a body is independent of\_\_  
A) shape  
B) size  
C) mass  
D) All of these
42. Which of the following is unit of atmospheric pressure?  
A) Bar  
B) Torr  
C)  $\text{Nm}^{-2}$   
D) All of these
43. Which of the following is a good conductor of heat?  
A) Mica  
B) Asbestos  
C) Celluloid  
D) Paraffin Wax
44. The minimum distance between the source and obstacle for echo  
A) 15 m  
B) 16 m  
C) 17 m  
D) 18 m
45. Which of the following is example of emulsion?  
A) smoke  
B) milk  
C) milk of magnesia  
D) clouds
46. Which of the following is not an element?  
A) Diamond  
B) Graphite  
C) Silica  
D) Silicon
47. Which of the following is an isotope of hydrogen?  
A) Tritium  
B) Alpha hydrogen  
C) Magnesium  
D) Plutonium
48. Pacemaker of heart is\_\_  
A) auricles  
B) SA node  
C) ventricles  
D) AV node
49. In human the development of fertilized egg takes place in the\_\_  
A) ovary  
B) testis  
C) oviduct  
D) uterus
50. What is the outermost layer of the skin is called?  
A) Epidermis  
B) Mucus  
C) Fibre  
D) None of these



## SOLDIER TRADESMAN

### Answer Key

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