



SOLDIER TRADESMAN

MAXIMUM MARKS : 100

TIME : 60 MINUTES

PASS MARKS : 32

MODEL TEST : 22

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. Who is the author of 'Shankunthalam'?
A) Surdas B) Kalidas C) Vishnu Sharma D) None of these
2. Satyamev Jayate is adopted from the book?
A) Anand Math B) Geetanjali
C) Mundika Upanishad D) Rig Veda
3. Who is bird man of India?
A) Akbar Ali B) Salim Ali C) Khadim Ali D) None of these
4. First Indian to travel in space:
A) Kalpana Chawla B) A P J Abdul kalam
C) Rakesh Sharma D) Jasspal Rana
5. Which is the largest bird in the world
A) Ostrich B) Peacock C) Swift D) Parrot
6. Which is the largest producer of manganese in India?
A) Rajasthan B) Bihar C) Paschim Banga D) None of these
7. Jozila pass is in__
A) Kashmir B) Rajasthan C) UP D) Punjab
8. What is manufactured at Sindri?
A) Fertilizer B) Textiles C) Watches D) Automobiles
9. Bansagar Dam is built on which river?
A) Narmada B) Sone C) Cauvery D) Ganga
10. Vatapi was the capital of the__
A) Pallavas B) Rashtrakutas C) Chalukyas D) Senas
11. The first viceroy of British India was____
A) Lord Canning B) Lord Mountbatten
C) Lord Clive D) Lord Ripon
12. Who elects the speaker of Lok sabha
A) President B) Lok Sabha C) Parliament D) Prime minister
13. Maximum age limit for president
A) 65 B) 60 C) 75 D) None of these



14. National Development Council was set up in__
A) 1948 B) 1950 C) 1951 D) 1952

15. Who wrote the book “Planned Economy for India”?
A) M.Visvesvaraya B) Sardar Vallabhai Patel
C) Jawaharlal Nehru D) Mahatma Gandhi

GENERAL INTELLIGENCE

16. Find out the missing term in the following series. .
1438, 1429, 1417, 1402, ?
A) 1378 B) 1384 C) 1387 D) 1392

17. In the following question the first two words have a common relationship. Choose one word out of the given four alternatives, which will replace the question mark, having same relationship with the third, as the given pair has:
Smoke: Pollution: War: ?
A) Victory B) Peace C) Treaty D) Destruction

18. If BOMBAY is written as ANLAZX, how MYSORE can be written in that code?
A) NZTPSF B) LXRNQD C) NXRPSD D) LZTNQF

19. In the following question the given letters are rearranged, it forms a word which belongs to one of the four response options.
LORAMIGD
A) Bird B) Animal C) Tree D) Flower

20. I am facing east. I turn 100° in the clockwise direction and then 145° in the anticlockwise direction. Which direction am I facing now?
A) East B) North-east C) North D) South-west

MATHEMATICS

21. The smallest positive prime such that $2^p - 1$ is not a prime is
A) 5 B) 11 C) 17 D) 29

22. $\frac{2}{7}$ th part of a certain sum is donated and $\frac{1}{4}$ th was spent on education. The balance amount is__
A) $\frac{13}{28}$ B) $\frac{11}{28}$ C) $\frac{5}{28}$ D) $\frac{14}{28}$

23. The least number which must be subtracted from 2361 to make a perfect square?
A) 48 B) 88 C) 57 D) 40

24. The value of $\frac{(81)^{3.6} \times (9)^{2.7}}{(81)^{4.2} \times 3}$
A) 3 B) 6 C) 9 D) 8.2



25. Find the LCM of $\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5}$
A) 12 B) 13 C) 14 D) 16
26. The greatest number which divides 29, 60, 103 leaving remainder 5,12,17 respectively?
A) 26 B) 32 C) 24 D) 36
27. Average of 40 observations is 50 and the average of another 60 observation is 55. Find the average of all?
A) 45 B) 48 C) 53 D) 60
28. The ratio between 7 months and 7 yr is
A) 1:1 B) 1:12 C) 1:7 D) 7:12
29. The ratio of copper and zinc in brass is 11:6. How much zinc is there in 850 kg of brass?
A) 510 kg B) 200 kg C) 300 kg D) 550 kg
30. Convert fraction into percentage:
 $37\frac{1}{2}\%$
A) $\frac{5}{12}$ B) $\frac{3}{16}$ C) $\frac{7}{18}$ D) $\frac{3}{8}$
31. List price of a book is 60 It is sold at a discount of 10%. Find the selling price of the book and discount allowed on it?
A) 35 B) 45 C) 50 D) 54
32. The compound interest on 8000 at 20% per annum for 9 months. Compounded quarterly?
A) 1261 B) 1250 C) 1270 D) 1258
33. A can do a piece of work in 16 days if B is 60% more effective than A Then the number of day required by B to do the same piece of work
A) 10 B) 12 C) 8 D) 11
34. A train is 100m long is running at a speed of 18km/h. What time will it pass a man on platform?
A) 25 s B) 30 s C) 21 s D) 20 s
35. The perimeter of rhombus the length of whose diagonal are 20 cm and 16cm is
A) $2\sqrt{41}$ B) $8\sqrt{41}$ C) $4\sqrt{41}$ D) None of these

GENERAL SCIENCE

36. Sweetest sugar is ____
A) D -fructose B) glucose C) D- maltase D) D- sucrose
37. The vector for malaria is
A) male anopheles B) female culex
C) female aedes D) female anopheles



38. Tendons are made up of__
A) collagen B) elastic C) keratin D) all of these
39. Structural and functional unit of kidney
A) medulla B) nephridia C) nephron D) hilum
40. Saliva helps in the digestion of__
A) fats B) proteins C) fibres D) starch
41. Protein factory of cell
A) endoplasmic reticulum B) ribosome
C) nucleus D) mitochondria
42. Cartilage is not found in
A) nose B) ear C) kidney D) larynx
43. PH of normal rain water is__
A) 3 B) 7 C) 5.6 D) 10
44. Which of the following pesticide cause severe nerve toxicity
A) DDT B) Carbamate C) Aldrine D) None of these
45. Which of the following element is not present in stainless steel?
A) Iron B) Tungsten C) Chromium D) Nickel
46. Which of the following metals does not form amalgam?
A) Zinc B) Copper C) Magnesium D) Iron
47. Plaster of Paris is obtained by heating
A) washing soda B) gypsum
C) sodium chloride D) sodium hydroxide
48. In acidic medium phenolphthalein becomes
A) red B) blue C) purple D) colourless
49. Which of the following is an example of sublimate
A) milk B) camphor C) iodine D) b and c
50. Depth of ocean is measured by an instrument called__
A) fathometer B) lactometer C) monometer D) photometer



SOLDIER TRADESMAN

Answer Key

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