MODEL TEST PAPER – 2

FOR

COMMON ENTRANCE EXAMINATION (SOLDIER GD)

Time: 1 Hour   **Maximum Marks: 100**
                                                            Pass Marks   :   32

Instructions for the Candidates:-

- Do not open answer book till ordered.
- Question paper consists of four parts (Part I to Part IV) All parts are compulsory
- All questions are compulsory
- Do not write any revealing identification in the answer sheet. Such candidates will be <u>DISQUALIFIED.</u>
- Please fill in the set number on the answer sheet at the space provided.
- Space provided on page 2 may be used for Rough work.
- After the termination of test please return the question booklet along with the answer sheet to the Invigilator.
- Please ensure that you have got the correct question paper and answer sheet.

<u>Part – I</u>
<u>GENERAL KNOWLEDGE</u>

Choose the correct answer:

1.   Arjuna Award is given to…………………………   (Ans A)

        (a)   Outstanding sports persons   (b)   Poets
        (c)   Scientists   (d)   Actors

2.   The main city of Kashmir Valley is ……………………   (Ans B)

        (a)   Pathankot   (b)   Srinagar
        (c)   Kupwara   (d)   None of these

3.   ……………………...is known as the land of Midnight Sun   (Ans C)

        (a)   Japan   (b)   Switzerland
        (c)   Norway   (d)   None of these

4.   'Satyameva Jayate' has been taken from………………………..   (Ans A)

(a)	Mandok Upanishad	(b)	Rigveda
(c)	Natyasutra	(d)	Samveda

5. Chilka lake is situated in ………………………………… (Ans A)

(a)	Orissa	(b)	Bihar
(c)	Madhya Pradesh	(d)	None of these

6. Capital of Mizoram is ……………………… (Ans A)

(a)	Aizawal	(b)	Shillong
(c)	Imphal	(d)	None of these

7. Bihu is the traditional dance of ………………………state. (Ans B)

(a)	Bihar	(b)	Assam
(c)	Punjab	(d)	None of these

8. London is situated on the bank of ………………… River. (Ans D)

(a)	James	(b)	Tames
(c)	Hames	(d)	Thames

9. By using a map you can find ……………………….. (Ans D)

(a)	Distance	(b)	Direction
(c)	Altitude	(d)	All of these

10. ……………….. is the Supreme Commander of the Armed Forces. (Ans C)

(a)	Chief Justice of Supreme Court	(b)	Speaker of Loksabha
(c)	President of India	(d)	None of the above

11. Which is the deepest ocean in the world? (Ans A)

(a)	Pacific Ocean	(b)	Indian Ocean
(c)	Arabian Ocean	(d)	None of these

12. India liberated Goa from the Portugese in . (Ans C)

(a)	1947	(b)	1965
(c)	1961	(d)	1960

13. Paris is situated on the bank of river. (Ans A)

(a)	Seine	(b)	Thames
(c)	Volga	(d)	None of these

14. National Botanical Garden is situated in which city ? (Ans D)

(a)	Lucknow	(b)	Rewa
(c)	Jaipur	(d)	None of these

15. What is N1 H1 (Ans D)

(a)	Cough	(b)	Bird Flu
(c)	Swine Flu	(d)	None of these

Part – II

GENERAL SCIENCE

Choose the correct answer:

16. The most important ore of alumunium is (Ans A)

    (a) bauxite (b) calamine
    (c) calcite (d) galena

17. What is laughing gas ? (Ans D)

    (a) Carbon dioxide (b) Sulphur dioxide
    (c) Hydrogen peroxide (d) Nitrous oxide

18. The gas used to extinguish fire is (Ans C)

    (a) Neon (b) Nitrogen
    (c) Carbon dioxide (d) Carbon monoxide

19. The mammal which lay eggs is (Ans D)

    (a) Bat (b) Kangaroo
    (c) Squirrel (d) Duckbilled Platypus

20. Laparoscopy is connected with (Ans D)

    (a) Radars (b) Science of tissues
    (c) Study of laser beams (d) Gynecological operations

21. The fourth state of matter is (Ans C)

    (a) Solid (b) Liquid
    (c) Plasma (d) Gas

22. Which of the following is a mixed fertilizer? (Ans D)

    (a) Urea (b) Ammonium sulphate
    (c) CAM (d) NPK

23. Cow milk is a rich source of (Ans A)

    (a) Vitamin A (b) Vitamin B
    (c) Vitamin C (d) Vitamin D

24. Typhoid is a disease of (Ans D)

    (a) Liver (b) Lungs
    (c) Stomach (d) Intestine

25. The tooth with three roots is (Ans A)

    (a) Molar (b) Pre molar
    (c) Incisor (d) Canine

26. The saliva helps in digestion of (Ans A)

(a) Proteins (b) fats
(b) Fibers (d) starch

27. Short sightedness is due to (Ans D)

(a) shifting of the iris (b) weaker muscles
(c) elongation of eye balls (d) weakening of the retina

28. The weight of an average human male brain is about (Ans D)

(a) 1 kg (b) 1200 Gms
(c) 1350 Gms (d) 1500 Gms

29. Which of the following diseases usually spreads through air? (Ans C)

(a) Plague (b) typhoid
(c) Tuberculosis (d) cholera

30. Water has maximum density at (Ans B)

(a) 0^0 C (b) 4^0 C
(c) 100^0 C (d) None of these

31. The ozone layer in the upper part of the atmosphere protects us from (Ans C)

(a) visible radiations (b) infra red rays
(c) ultra violet rays (d) cosmic rays

33. Aviation fuel for jet aeroplanes consists of purified (Ans C)

(a) Petrol (b) Kerosene
(c) Gasoline (d) Diesel

33. Which of the following is not a gland? (Ans A)

(a) Stomach (b) Liver
(c) Kidney (d) Pancreas

34. Long distance photography is facilitated by (Ans B)

(a) Visible light (b) X rays
(c) Infrared rays (d) Ultra Violet rays

35. In fire works the green flame is produced because of (Ans D)

(a) Mercury (b) Sodium
(c) Potassium (d) Barium

Part – III
MATHEMATICS

Choose the correct answer:

36. Area of a rectangular ground is 12500m2. Its length is 125 m. its perimeter is   (Ans A)

   (a)   450 m   (b)   100 m
   (c)   900 m   (d)   1250 m

37. If 10, 20, x and 40 are in a proportion, the value of x will be   (Ans B)

   (a)   5   (b)   20
   (c)   30   (d)   80

38. if 10th January, 2004 is Tuesday, what will be the day on 10th January, 2005 ?   (Ans B)

   (a)   Wednesday   (b)   Thursday
   (c)   Tuesday   (d)   Friday

39. A cyclist covers 12 km in an hour. What is his speed in meters per minute ?   (Ans C)

   (a)   100 m / min   (b)   2000 m /min
   (c)   200 m /min   (d)   300 m / min

40. Speed of 1km/hr is equal to   (Ans C)

   (a)   60/1000 m/s   (b)   3600/1000 m/s
   (c)   1000/3600 m/s   (d)   1000/60 m/s

41. The cost of 18 bananas at the rate of Rs 4 per dozen will be   (Ans B)

   (a)   Rs 5   (b)   Rs 6
   (c)   Rs 10   (d)   Rs 8

42. 12 men or 18 women can reap a field in 14 days, 8 men and 16 women can reap the same field in
                                                                        (Ans A)

   (a)   6 days   (b)   3 days
   (c)   10 days   (d)   9 days

43. The average of the height of 5 students having height 30, 40, 50, 60, 70   (Ans B)

   (a)   40   (b)   50
   (c)   55   (d)   45

44. At what rate percent per annum will a sum of money double in 8 years   (Ans A)

   (a)   12.5%   (b)   25%
   (c)   00.6   (d)   10%

45. A man buys a toy for Rs 1000 and sells it for Rs 1500. His gain percent is   (Ans B)

   (a)   33 1/3%   (b)   50%

(c)   25%   (d)   58%

46.   3 hrs and 45 minutes = _____ seconds ?   (Ans A)

(a)   13500   (b)   18000
(c)   10800   (d)   10500

47.   30% of 140 = x% of 840, then x is   (Ans A)

(a)   5   (b)   10
(c)   6   (d)   15

48.   Which one of the following is equivalent of 6/20 ?   (Ans D)

(a)   6%   (b)   20%
(c)   26%   (d)   30%

49.   The square root of 4096 by means of factors is   (Ans B)

(a)   33   (b)   64
(c)   96   (d)   24

50.   LCM of (2x3x5) and 3x5x7 is equal to   (Ans C)

(a)   3   (b)   3x5
(c)   2x3x5x7   (d)   2x3x5x3x5x7