Class: VII   **Marks:100**

Date: 28.11.2023   **Time: 1½ hrs**

GENERAL INSTRUCTIONS:

Read the instructions carefully before answering

1. Please fill up your Roll No. and class in the box provided on the OMR sheet.

2. This question booklet contains 50 questions and 5 Tie Breaker questions. All questions including 'Tie Breaker Questions' are mandatory. Tie Breaker questions will be evaluated only in case of a Tie.

3. Each question carries 2 marks.

4. Each question has 4 answer choices a,b,c,d.

5. For each question, select the best/correct option and darken the bubble completely against the corresponding question in the OMR sheet provided.

6. Use a blue/black ball point pen to darken the bubble.

7. Darken only one bubble against each question.

8. There will be no negative marking.

Choose the correct answer from the options given.

1. Choose the correctly reported statement: He asked," Will you be coming"?
   a. He asked whether he would be coming.   b. He asked whether I would be coming.
   c. He asked whether I will be coming.   d. He asked that I would be coming.

2. Fill in the blanks with the correct option:
   The higher you go, the more difficult it _____ to breathe.
   a. becomes   b. had become   c. is becoming   d. became

3. Choose the correctly spelt word.
   a. Millonire   b. Millionare   c. Millonare   d. Millionaire

4. Fill in the blank with the correct preposition.
   I usually study——Sundays.
   a. In   b. at   c. over   d. on

5. Fill in the blank with the correct phrase.
   Could you——the phone number for me please?
   a. look in   b. look out   c. look up   d. look into

6. What does the idiom 'to cost an arm and a leg' mean?
   a. an important organ   b. something that is very expensive
   c. agreeing with something/someone   d. something that is very easy

7. Pick out the synonym for the word 'decompose' from the following.
   a. brandish   b. wield   c. lunge   d. decay

8. Each side of a regular hexagon is 6.5cm long. The perimeter of the given polygon is
   a. 3.9 cm   b. 39 cm   c. 3.9m   d. 39m

9. Divide Rupees 150 between A and B in the ratio of ½ : 1/3.then B's share is
   a. Rs 90   b. Rs 60   c. Rs 75   d. Rs 50

10. 1/2 of (3 / 4 ÷ 2 / 3) =
    a. 9/16   b. 3/16   c. 3/6   d. 9/4

11. For what value of a, -11/a is not a rational number
    a. -1   b. 1   c. 10   d. 0

12. The sum of 3 rational numbers is -1/5. If 2 of the numbers are 3/10 and -2/5, the third number is
    a. 7/10   b. -11/10   c. 2/5   d. -1/10

13. The value of $1 - 2 + 3 - 4 + 5 - 6 + \ldots\ldots + 21 - 22$ is
    a. 0   b. 11   c. – 11   d. 1

14. The measure of an angle which is double of its complementary angle is :
    a. 60^0 b. 30^0 c. 45^0 d. 120^0

15. The average height of 5 boys is 160 cm. The height of 4 boys are 152 cm , 156 cm , 164 cm and 160 cm . Then the height of the 5th boy is:
    a. 158 cm   b. 162 cm   c. 168 cm   d. 170 cm

16. A ladder is placed in such a way that its foot is at a distance of 8m from a wall and its tip reaches a window 15m above the ground. The length of the ladder is :
    a. 15m   b. 13m   c. 17m   d. 18m

17. Radhika took warm water in a beaker and put few China rose petals in it. She kept the petals dipped for some time till the water became coloured. Then she put few drops of this coloured water into the solutions (i) – (iv).

    i. Amla juice   ii. Lime water   iii. Common salt solution   iv. Baking soda solution
    What changes would she observe in the colour of the China rose solution?

	(i)	(ii)	(iii)	(iv)
a.	Red	Yellow	Yellow	Red
b.	Magenta	Green	Bluish Violet	Green
c.	Red	Red	Yellow	Yellow
d.	Magenta	Yellow	Pink	Yellow

18. Which of the following processes represents a neutralization reaction?
    a. Applying vinegar on wasp sting
    b. Brushing our teeth with toothpaste
    c. Reaction of sodium hydroxide with hydrochloric acid to form sodium chloride
    d. All of these

19. Read the given passage and select the option that correctly fills the blanks (i) – (iii).(i)are present in the chest cavity. This cavity is surrounded by (ii) on the sides which form a cage like structure. A large muscular sheet called (iii) forms the floor of the chest cavity.
    a. (i) – lungs   (ii) – ribs   (iii) – diaphragm
    b. (i) – diaphragm   (ii) – ribs   (iii) – lungs
    c. (i) – bronchi   ii) – ribs   (iii) – lungs
    d. (i) – trachea   (ii) – bronchi   iii) – lungs

20. Which of the following is not a property of acids?
    a. Acids are sour in taste.   b. Acids find use in preparing fertilizers.
    c. Acids can be corrosive or non-corrosive.   d. Acids are used in the soap and detergent industry.

21. A bus travels 54km in 90 minutes. The speed of the bus is
    a. 0.6m/s   b. 10m/s   c.5.4 m/s   d. 3.6 m/s

22. The formation of acid rain can be represented by the following flow chartSulphur + element X ——> Sulphur dioxide + water ——> acid Y. Identify X and Y from the following options
    a. X=Nitrogen, Y=Nitric acid   b. X=Carbon,   Y=Carbonic acid
    c. X=Oxygen, Y=Sulphurous acid   d. X=Hydrogen, Y= Hydrochloric acid

23. Which of the following is involved in digestion?
    a. Sweat gland   b. Pancreas   c. Thyroid gland   d. Adrenal gland

24. Inhaled air contains:
    a. 16.4% Oxygen and 4.4% Carbon dioxide   b. 21% Oxygen and 0.04% Carbon dioxide
    c. 14.6% Oxygen and 0.04% carbon dioxide   d. 21% Oxygen and 4.4% Carbon dioxide

25. Ramu wrapped himself with a few layers of newspaper on a cold winter night. This helped him to keep himself warm because:
    a. Friction between the layers of newspaper produces heat.
    b. Air trapped between the layers of newspaper is a bad conductor of heat.

c. Newspaper is a conductor of heat.

d. Newspaper is at a higher temperature than the temperature of the surrounding.

26. Red Fort is made up of
   a. Red Sand stone   b. Black sand stone   c. Red marble   d. Black marble

27. Statue of Equality, the largest statue of B R Ambedkar outside India, is to be unveiled in which country?
   a. UK   b. USA   c. Germany   d. France

28. What is the idea of bhakti?
   a. Loving of a personal deity that devotees could reach without the aid of priests or elaborate rituals.
   b. Worshipping the king.
   c. Idol worship
   d. Doing elaborate rituals

29. Which of the following is not from the Rajput dynasty
   a. Tomaras.   b Ananga Pala   c. Raziyya.   d. Chauhans

30. Every year on 14th August thousands of people gather at Wagah on the borders of .... and hold cultural programme.
   a. India and Nepal   b. India and Pakistan   c. India and Bangladesh   d. India and Myanmar

31. Prashastis' were composed by
   a. Kalhana   b. Brahmanas   c. Al biruni   d. Pallavas

32. Which one of the following options refers to thinking of oneselves and other person as worthy of respect
   a. Dignity   b. Discrimination   c. Determination   d. Diversity

33. Which of the following battles marked the beginning of the Mughal rule in India and end of the Delhi Sulthanate?
   a. First Battle of Panipat   b. Battle of Khanua
   c. Battle of Chanderi   d. Second Battle of Panipat

34. What was the language of administration under the Delhi Sulthans
   a. Urdu   b. Hindi   c. Persian   d. English

35. What is the launch date for the Aditya L1 Mission?
   a. 14 August, 2023   b. 2 Sept, 2023   3. 23 August, 2023   d. 22 Sept, 2023

36. What is the official mascot of the 2023 Asian Games in Hangzhou, China?
   a. Fuwa   b. Miraitowa   c. Trio of Robots   d. Momo

37. 'My Music, My Life' is the autobiography of which person?
   a. Pt. Ravi Shankar   b. Ramanujcharya   c. Pt Ram Prasadd   d. Nazir Hussain

38. Which revolution is also known as the Third Agricultural Revolution?
   a. The Green Revolution   b. Silver Revolution   c. White Revolution   d. Blue Revolution

39. Who is called the father of Indian Cinema?
   a. Dada Sahib Phalke   b. Stanley Kubrick   c. Martin Scorsese   d. Yash Chopra

40. How many combinations of two-digit numbers having 8 can be made from the following numbers?
   8,5,2,1,7,6
   a. 9   b. 10   c. 11   d. 12

41. Which of the following numbers does not fit in the given series? 0,1,3,6,10,15,21,28,37,45
   a. 0   b. 21   c. 37   d. 45

42. BIG - 792   HCA - 138   FED - 456   ?DH - 8?9
   a. I, 6   b. J, 4   c. I, 4   d. A, 6

43. In a row of boys, Suresh is seventh from the left and Rohit is twelfth from the right. If they interchange their positions Suresh becomes twenty second from the left. How many boys are there in a row?
   a. 19   b. 31   c. 33   d. 35

44. HOPE : IPQF : : MOLT : ?
   a. MPNU   b. NPMU   c. MPMV   d. NPMV

45. Read the following information carefully to answer the question that follows
   P+Q Means P is father of Q   P-Q Means P is mother of Q
   PxQ Means P is brother of Q   P÷Q Means P is the sister of Q
   Which of the following means 'M is the son of K'
   a. M+L÷K   b. L÷M+K   c. M x L ÷K   d. M x L -K

46. If 'tiger' is called 'fox', 'fox' is called 'lion', 'lion' is called 'rat', 'rat' is called 'goat' and 'goat' is called 'cow', then which of the following is the king of forest?
   a. Fox   b. Rat   c. Lion   d. Cow

47. If Lamp A is less bright than lamp B; Lamp B is brighter than Lamp C;Lamp C is as bright as Lamp D. Lamp B is brighter than Lamp D; Lamp Dis brighter than Lamp A; then which Lamp is the brightest?
   a. Lamp A   b. Lamp B   c. Lamp C   d. Lamp D

48. Leela, who is Sohan's daughter, says to Lalita "Your mother Alka is the younger sister of my father, who is the third child of Raja". How is Raja related to Lalita?
   a. Father   b. Uncle   c. Maternal grandfather   d. Paternal grandfather

49. Directions -In the following question, two statements are given followed by three or four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
   Statements: All tables are trains. Some trains are chairs.
   Conclusions: I. Some tables are chairs
                 II. Some chairs are tables
                 III. Some chairs are trains
                 IV. Some trains are tables
   a. Only I and II follow   b. Only II and III follow   c. Only III and IV follow   d. Only I and III follow

50. If '-' stands for 'division', '+' stands for 'multiplication', 2 ÷ 2 stands for 'subtraction' and 2 × 2 stands for 'addition', which one of the following equations is CORRECT?
   a. 6+20"12"7"1 =38   b. 6"3÷12×7+1=57   c. 6+20"12÷7×1=62   d. 6÷20×12+7"1=70

     ★   ★   ★   ★   ★

TIE BREAKER

51. Find the synonym of the word 'Gleam.'
   a. Gloomy   b. Coarse   c. Shine   d. Rough

52. Who won the Nobel Peace Prize in 2023?
   a. Volodymyr Zelensky   b. Ilham Tohti   c. Narges Mohammadi   d. Kyaw Moe Tun

53. Boojho walks to his school which is at a distance of 3km from his home in 30 minutes. On reaching he finds that the school is closed and comes back by a bicycle with friend and reaches home in 20 minutes. His average speed in km/h is
   a. 8.3   b. 7.2   c. 5   d. 3.6

54. Arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.
        1.Eagle   2.Earth   3.Eager   4.Early   5.Each
   a. 1,5,2,4,3   b. 2,1,4,3,5   c. 2,3,5,4,1   d. 5,3,1,4,2

55. To get number 40, the number $6\frac{2}{9}$ should be multiplied with
   a. $7\frac{3}{6}$ b. $6\frac{3}{7}$ c. $3\frac{6}{7}$ d. $6\frac{2}{7}$

     ★   ★   ★   ★   ★