

INSTRUCTIONS**NUMBER OF QUESTIONS : 100****TIME : 2 Hrs**

1. ATTEMPT ALL QUESTIONS WITHIN THE TIME.
2. EACH QUESTION CARRIES 1 MARK
3. NO NEGATIVE MARKS.
4. DON'T DO ROUGH WORK ON QUESTION PAPER AND OMR.
5. USE BLACK (OR) BLUE PEN FOR BUBBLING ON OMR.

CORRECT METHOD OF BUBBLING



WRONG METHOD OF BUBBLING

**INTO 7th CLASS STATE & CBSE****MATHEMATICS**

1. Find the measure of an angle for one-fourth revolution.
1) 360° 2) 180° 3) 270° 4) 90°
2. Place value and face value are always equal at which place?
1) Hundreds 2) Ones 3) Tens 4) Thousands
3. Suchitra buys 25 pencils and 25 pens for distributing to her friends on her birthday. If the cost of a pencil is ₹8 and that of a pen is ₹12, then how much total amount does she spend?
1) ₹625 2) ₹500 3) ₹525 4) ₹600
4. The lines which do not intersect and have equal distance between them are called
1) Parallel lines 2) Intersecting lines
3) Perpendicular lines 4) Coincident lines
5. The integer which is '5 units to the left of 0 on the number line' is _____.
1) +5 2) -5 3) +4 4) -4
6. How many consecutive factors are there in 2022?
1) 4 2) 3 3) 6 4) 5
7. How many crores are equal to 1 billion
1) 1 crore 2) 10 crores 3) 100 crores 4) 1000 crores
8. The pairs of vertices which are not adjacent. The joins of these vertices are called _____ of the polygon.
1) Vertex 2) Side 3) Diagonal 4) Face
9. The whole number which does not have a predecessor is _____.
1) 9 2) 0 3) 1 4) 100
10. What is the LCM of 21, 35, 40?
1) 240 2) 210 3) 840 4) 140
11. Pradvin multiplied 160 by 89 instead of multiplying by 79. How much was his answer greater than the correct answer?
1) 10640 2) 16000 3) 10060 4) 1600

12. When the sum of the measures of two angles is that of straight angle and if one of them is obtuse then the other should be?

- 1) Reflex angle 2) Acute angle 3) Obtuse angle 4) Right angle

13. How many whole numbers are there between 99 and 300?

- 1) 200 2) 201 3) 100 4) 399

14. $\overline{AB} = 9\text{cm}$, 'P' is the midpoint of \overline{AB} then half of $\overline{AP} =$ _____ cm.

- 1) 13.50 2) 4.50 3) 2.25 4) 18

15. How many times does the digit 2 occur between 1 and 100?

- 1) 20 2) 12 3) 9 4) 10

16. How many three digit numbers are there in all?

- 1) 899 2) 100 3) 900 4) 999

17. The HCF of two numbers is 28 and their LCM is 336. If one number is 112, then the other number is _____

- 1) 64 2) 92 3) 34 4) 84

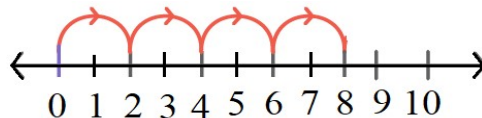
18. Subtract the sum of -125 and 120 from the difference of (-160) and (-240) .

- 1) -85 2) 80 3) 5 4) 85

19. The difference of the smallest 5-digit number and the greatest 6-digit number is

- 1) 998999 2) 1009999 3) 10099999 4) 989999

20. What does the given number line represent?



- 1) 2×8 2) $8 \div 2$ 3) $8 - 2$ 4) 4×2

21. Which of the following is an odd composite number?

- 1) 9 2) 11 3) 12 4) 7

22. How many right angles are formed when hour hand of a clock moves from 2 to 8?

- 1) 1 2) 4 3) 3 4) 2

23. An edge of the book represents

- 1) A point 2) A line segment 3) A ray 4) A line

24. How many maximum number of lines can be drawn through one point?

- 1) One 2) Two 3) Zero 4) Infinite

25. $1\text{km} =$ _____ mm.

- 1) 1000000 2) 10000 3) 100000 4) 1000

26. If $\frac{1}{3.718} = 0.2689$ then $\frac{1}{0.0003718} = ?$ (nearest value)

- 1) 2.689 2) 0.2689 3) 26890 4) 2689

27. If X is the smallest four digit number form by all the digit 0, 7, 8 and 9. Y is the greatest four digit number formed by the digits 0, 7, 8, 9. Then $Y - X$ is equals to

- 1) 9081 2) 2781 3) 2777 4) 1890

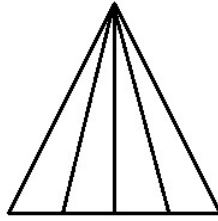
42. If 'A' denotes ' \div ', 'B' denotes '+', 'C' denotes '-' and 'D' denotes ' \times ', then the value of $17 \text{ B } 33 \text{ A } 11 \text{ C } 5 \text{ D } 2 =$

- 1) 30 2) 0 3) 21 4) 10

43. In a certain code MATH : NBUI, how ROCK will be written in that code?

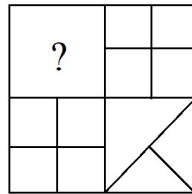
- 1) SPDL 2) SPEL 3) SPDJ 4) SPEM

44. Find the number of triangles in the given figure

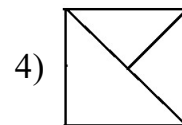
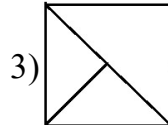
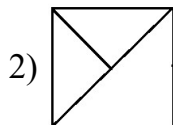
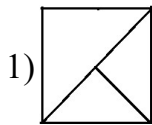


- 1) 10 2) 4 3) 5 4) 8

45. To complete the figure (X), choose correct figure from the given answer figure (1), (2), (3) and (4)



(X)



46. Find the odd one from : 21, 49, 56, 36.

- 1) 21 2) 49 3) 56 4) 36

47. In a class of 28 students, Madhu is 15th from the bottom. What will be his rank from the top?

- 1) 14th 2) 15th 3) 13th 4) 16th

48. In a code language $5 \times 12 = 17$; $21 \div 3 = 18$; $6 + 8 = 48$; $9 - 3 = 3$ then

$$[(12 + 6) \div (2 \times 7)] - 9 =$$

- 1) -7 2) 7 3) -5 4) 9

49. Simplify: $1 \div [1 + 1 \div \{1 + 1 \div (1 + 1 \div 3)\}]$.

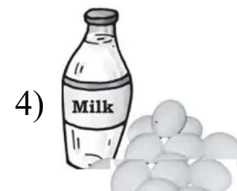
- 1) $\frac{11}{7}$ 2) $\frac{5}{7}$ 3) $\frac{7}{5}$ 4) $\frac{7}{11}$

50. Rehan bought a notebook of ₹ $14\frac{1}{3}$, a geometry box of ₹ $57\frac{1}{2}$ and a Mathematics book of ₹ $71\frac{2}{3}$. How much money should he pay to the shopkeeper?

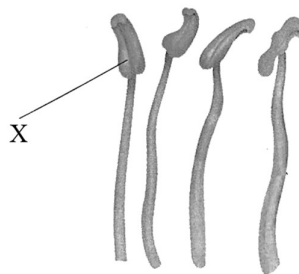
- 1) ₹ $123\frac{1}{2}$ 2) ₹ $143\frac{1}{2}$ 3) ₹ $123\frac{1}{6}$ 4) ₹ $143\frac{1}{6}$

GENERAL SCIENCE

51. The main carbohydrates found in our food are in the form of _____
1) Cellulose and hemicellulose 2) Cellulose and starch
3) Starch and sugars 4) Cellulose and sugars
52. We are a type of nutrients. We help in protecting the human body against diseases and also we help in keeping the eyes, bones, teeth and gums healthy. Who are we?
1) Proteins 2) Vitamins 3) Fats 4) Carbohydrates
53. Glands in the neck appear swollen, mental disability in children
The above symptoms related to which of the following disease.
1) Anaemia 2) Beriberi 3) Goiter 4) Rickets
54. **Statement I :** Water is essential for the proper functioning of our body
Statement II: Roughages are mainly provided by plant products in our foods
1) Both statements are true 2) Statement I is true, statement II is false
3) Statement I is false, statement II is true 4) Both statements are false
55. Find the sources of iron from the following food sources



56. Choose the odd one out
1) Tomato 2) Mango 3) Mint (pudina) 4) Coriander(dhania)
57. What do we call the part of the leaf by which it is attached to the stem?
1) Lamina 2) Midrib 3) Lateral veins 4) Petiole
58. A student wants to test the presence of starch in leaves. Which indicator that the student has to use?
1) Iodine solution 2) Spirit 3) Potassium hydroxide solution 4) Red ink
59. Identify the 'X' labelled part



- 1) Filament 2) Style 3) Stigma 4) Anther
60. Plants having leaves with parallel venation have _____ roots
1) Tap 2) Fibrous 3) Adventitious 4) Breathing
61. The human skeleton is composed of how many bones at birth?
1) 206 2) 305 3) 210 4) 299

62. Choose the correct matching pair

Joint		Body part	
1)	Hinge	a)	Shoulder
2)	Ball and socket	b)	Neck
3)	Pivotal joint	c)	Elbow

1) 1-a, 2-b, 3-c 2) 1-c, 2-a, 3-b 3) 1-c, 2-b, 3-a 4) 1-a, 2-c, 3-b

63. The external ear (pinna) is made up of a special type of bone called _____

1) Ligament 2) Bone marrow 3) Dentine 4) Cartilage

64. Which of the following animals has streamlined body

1) Frog 2) Elephant 3) Pig 4) Fish

65. The book 'Gait of Animals' is written by

1) Thomas Alva Edison 2) Joseph Priestly 3) Aristotle 4) Ingenhousz

66. These organisms have hollow and light bones

1) Cockroach 2) Birds 3) Earthworm 4) Human beings

67. Which of the following is NOT an example of an abiotic component of a habitat?

1) Sunlight 2) Fungi 3) Temperature 4) Air

68. Select the correct definition for habitat

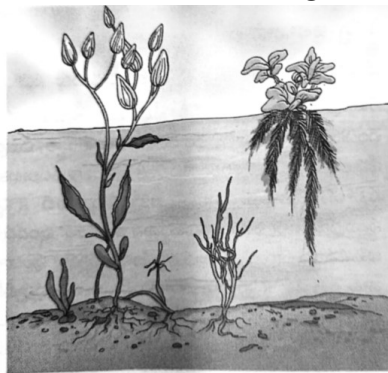
- 1) The process of animals moving from one habitat to another
- 2) The food that an animal eats
- 3) The way an organism adapts to its environment
- 4) The natural environment where a living organism lives and grows

69. Assertion : In sunlight plants use carbon dioxide to produce food and give out oxygen

Reason : Plants do not respire

- 1) A and R are correct, R is correct reason for A
- 2) A and R are correct, R is not correct reason for A
- 3) A is correct but R is not correct
- 4) A is not correct but R is correct

70. The given picture represents which of the following habitat?



1) Aquatic 2) Grassland 3) Desert 4) Mountain region

71. Fishes have gills to absorb oxygen from the air dissolved in water. The what are the respiratory organs in dolphins

1) Skin 2) Gills 3) Lungs 4) Trachea

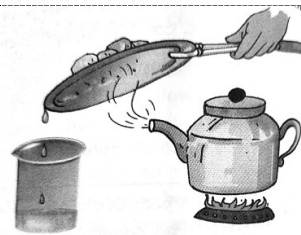
72. What is the common name of 'Mimosa'?

1) Hibiscus 2) Touch-me-not 3) Datura 4) Marigold

73. P : Distillation is a physical method of separation
 Q : Chromatography is a chemical method of separation
 R : Filtration is a physical method of separation
 S : Decantation is a chemical method of separation
 1) P and R are true, Q and S are false 2) Q and R are true, P and S are false
 3) P and Q are true, R and S are false 4) R and S are true, P and Q are false
74. Sugar is disappeared or dissolved in water. Sand do not disappear even after we stir. What type of substances are sugar and sand?
 1) Sugar is soluble and sand is insoluble 2) Sugar and sand are soluble
 3) Sugar is insoluble and sand insoluble 4) Sugar and sand are insoluble
75. In the process of winnowing, the separated husk is used for _____
 1) Making roti 2) Cooking rice 3) Fodder for cattles 4) Making shoes
76. Examples for opaque
 1) Glass 2) Oil paper 3) Water 4) Wood
77. Image formed by the plane mirror is
 1) Inverted 2) erect 3) Larger 4) Erect but laterally
78. If evaporation does not occur in nature, we can't obtain _____
 1) Grains from husk 2) Sand from mud water
 3) Salt from sea water 4) Butter from milk
79. Read the sentence and find true or false
 a) Separation of sugar from tea can be done with filtration
 b) Grains and husk can be separated with the process of decantation
 1) a is true, b is false 2) a is false, b is true
 3) Both a and b are true 4) Both a and b are false
80. Pick the substance which is available in three states.
 1) Water 2) Wood 3) Petrol 4) Iron
81. Which of the following is universal solvent?
 1) Salt 2) Water 3) Spirit 4) Acetone
82. The solution in which no more of the solute can dissolve called
 1) Saturated solution 2) Unsaturated solution
 3) Super saturated solution 4) Salt solution
83. Match the objects given below with the materials from which they could be made
- | | | | |
|----|-------|----|----------------------|
| a) | Toys | 1) | Wood, plastic, metal |
| b) | Book | 2) | Leather, plastic |
| c) | Chair | 3) | Plastic, rubber |
| d) | Shoes | 4) | Paper |
- 1) a – 1, b – 2, c – 3, d – 4 2) a – 3, b – 4, c – 2, d – 1
 3) a – 4, b – 2, c – 1, d – 3 4) a – 3, b – 4, c – 1, d – 2
84. The height of a person is 1.65 m .Express it into cm and mm.
 1) 165 cm, 1650 mm 2) 1.65 cm , 165mm
 3) 16.5 cm , 16.5 mm 4) 1650 cm , 165 mm

85. Name the two processes observed in the picture.

- 1) Sublimation, evaporation
- 2) Evaporation, sedimentation
- 3) Evaporation, condensation
- 4) Condensation, sublimation



86. Separation of liquid-liquid mixtures by separating funnel is making use of their ____.

- 1) Difference in their densities
- 2) Difference in their boiling point
- 3) Difference in their solubility
- 4) Difference in their melting points

87. Which of the following is used to separate two immiscible liquids?

- 1) Fractional distillation
- 2) Separating funnel
- 3) Evaporation
- 4) Centrifugation

88. A mixture of salt and iron filings can be separated by _____.

- 1) Magnetic separation
- 2) Filtration
- 3) Distillation
- 4) Winnowing

89. Which of the following mixtures would you be able to separate using the method of filtration?

- 1) Oil in water
- 2) Cornflakes in milk
- 3) Salt in water
- 4) Sugar in milk

90. The process of conversion of a solid state into liquid state is called _____

- 1) Boiling
- 2) Melting
- 3) Freezing
- 4) Condensation

ENGLISH

CHOOSE THE CORRECT ANSWERS:

91. Mary Kom is a boxer. [Identify the kind of noun]

- 1) Common noun
- 2) Collective noun
- 3) Proper noun
- 4) Abstract noun

92. May, I come in? [Identify the expression]

- 1) offer
- 2) permission
- 3) suggestion
- 4) possibility

93. The bag is kept _____ the two chairs.

- 1) among
- 2) of
- 3) between
- 4) for

94. Take medicine regularly. [Identify the subject]

- 1) medicines
- 2) take
- 3) You
- 4) regularly

95. Children study in this room. [Identify the negative sentence]

- 1) Children is not study in this room.
- 2) Children do not study in this room.
- 3) Children are not study in this room.
- 4) Children did not study in this room.

96. He studies well. [Identify the tense of the given verb.]

- 1) simple past
- 2) simple present
- 3) present continuous
- 4) simple future

97. Child-_____ [Identify the plural of the given noun]

- 1) childs
- 2) childrens
- 3) children
- 4) child

98. One of the packets _____ not sealed properly.

- 1) is
- 2) are
- 3) were
- 4) have

99. January is _____ first month of the year.

- 1) a
- 2) an
- 3) the
- 4) No article

100. I walked slowly _____ is was dark.

- 1) so
- 2) because
- 3) or
- 4) but

THE END