



Instructions: Each question carries 4 marks and are only one correct answer type questions.

CLASS - VIIIth

SCIENCE

1. Which colour clothes will absorb more heat?
(a) white (b) yellow
(c) light blue (d) black
2. The heat flows from a body at _____ temperature to _____ lower temperature.
(a) higher, higher
(b) lower, lower
(c) higher, lower
(d) lower, higher
3. The materials which do not allow heat to pass through them easily are _____.
(a) conductors (b) insulators
(c) metals (d) iron
4. A cold steel spoon is dipped in a cup of hot milk. Heat is transferred to its other end by the process of _____.
(a) conduction (b) radiation
(c) convection (d) any one
5. Which acid is involved in an ant bite?
(a) Lactic acid (b) Hydrochloric acid
(c) Formic acid (d) Citric acid
6. What does the neutralisation process produce?
(a) Acid only (b) Base only
(c) Salt and water (d) Water only
7. What turns red litmus paper blue?
(a) Acid (b) Salt
(c) Water (d) Base
8. Which of the following is not a natural acid as mentioned in the chapter?
(a) Citric acid (b) Ascorbic acid
(c) Hydrochloric acid (d) Tartaric acid
9. Name the tissue in plants responsible for growth
(a) meristematic tissue (b) permanent tissue
(c) muscular tissue (d) parenchyma
10. The _____ bring about an increase in the girth of the plant
(a) parenchyma (b) collenchyma
(c) cambium (d) sclerenchyma
11. The apical meristematic tissue is responsible for the growth of plant in
(a) height (b) weight
(c) width (d) girth
12. The lateral meristematic tissue causes growth of plant in
(a) height (b) thickness
(c) transport (d) None

MATHEMATICS

13. Which of the following is incorrect?
 (a) $24 \div (-6) > (-25) \div 5$
 (b) $0 \div (-8) + 11 = 0 \div (100) + 11$
 (c) $8 \div (-4) - 1 > 8 \div 4 - 1$
 (d) $(-100) \div 25 \div (-1) = 100 \div (-25) \div (-1)$
14. $0.05 \times 5 - 0.005 \times 5$ equals
 (a) 2.250 (b) 0.225
 (c) 0.0225 (d) 0.275
15. Rule $(+x) \times (-y)$ becomes.
 (a) $+xy$ (b) $-xy$
 (c) xy (d) none of these
16. The sum of two consecutive odd number is 36.
 The smaller one is
 (a) 15 (b) 17
 (c) 19 (d) 13

MENTAL ABILITY

17. What number should come next in the pattern: 1, 4, 9, 16, _?
 (a) 20 (b) 25
 (c) 24 (d) 18
18. Which number is the odd one out? 3, 7, 11, 12, 15
 (a) 7 (b) 11
 (c) 12 (d) 15
19. What is the next number in the sequence: 2, 4, 8, 16, _?
 (a) 24 (b) 32
 (c) 30 (d) 48
20. Which shape comes next in the pattern: square, circle, triangle, square, _?
 (a) rectangle (b) circle
 (c) triangle (d) square

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