

Revision Test Paper-III

(Based on Chapters 10 to 14)

A. Multiple Choice Questions (MCQs)

Tick (✓) the correct options:

1. If C.P. is ₹ 850 and S.P. is ₹ 918, then gain percent is _____.

(a) 6%



(b) 8%

(c) 10%



(d) 12%

$$\begin{array}{r} 22 \\ 81 \\ \hline 7 \\ 81 \end{array}$$



2. A solid figure bounded by the six rectangular faces is a _____.

(a) cube



(b) cylinder



(c) cuboid



(d) prism



3. The sum of angles of a quadrilateral is _____.

(a) 270°



(b) 360°



(c) 180°



(d) 90°



4. A quadrilateral has _____ elements.

(a) 8



(b) 4



(c) 10



(d) 6



5. The adjacent angles of a rhombus are _____.

(a) equal



(b) unequal



(c) Supplementary



(d) non-supplimentary



6. Which of the following is a polyhedron?

(a) Sphere



(b) Cone



(c) Cylinder



(d) Cube



7. Is the number of sides of a polygon same as the number of angles?

(a) No



(b) Maybe



(c) Yes



(d) Do not know



8. Which one is the circumference of the circle?

(a) 2π



(b) $2r$



(c) $2\pi r$



(d) πr





9. Each diagonal of a parallelogram divides it into _____ .

(a) two congruent triangles



(b) two equal triangles



(c) two equal squares



(d) none of these



10. Adjacent angles have _____ .

(a) Common angle



(b) Opposite angles



(c) Common side



(d) Opposite sides



B. Fill in the blanks of the following :

1. Profit or loss percent is always on _____ .

2. An arc of a circle greater than the semicircle is called _____ .

3. The figures consisting of four line segments are called _____ .

4. Two sides having a common end point known as _____ .

5. In a rectangle each angle is _____ .

6. The diagonals of a square are _____ and _____ .

7. A quadrilateral is called a _____ quadrilateral if all vertices lie on circle.

8. If two parallel lines are _____ by transversal then alternate interior angles are equal.

9. A pyramid with a triangular base is called a _____ .

10. The sum of angles of a quadrilateral is _____ .

C. Write 'T' for true statement and 'F' for false statement :

1. Profit = S.P. + C.P.



2. Rectangle's diagonals are equal and bisect each other.



3. A cuboid is called cube when the length, breadth and height of the cuboid are equal.



4. The eight elements of quadrilateral are four sides and four edges.



5. The sum of the angles of a quadrilateral is 180° .



6. A parallelogram having all sides equal is called rhombus.



7. The angle in a semicircle is a straight angle.



8. The measure of an arc AB of a circle with centre O is AOB.



9. The diagonals of a square are equal, but not perpendicular to each other.



10. A quadrilateral has four diagonals.

