

**CHAPTER –4 & 10. PRACTICAL GEOMETRY & VISUALISING SOLID SHAPES**

Put a tick mark(✓) on the correct answer :

Q1.What the point of intersection of the medians of a triangle called ?

- (i) circum centre      (ii) In centre      (iii) centroid      (iv) orthocentre

Q2.What the point of intersection of the altitudes of a triangle called ?

- (i) circum centre      (ii) In centre      (iii) centroid      (iv) orthocentre

Q3.What the point of intersection of the side bisectors of a triangle called ?

- (i) circum centre      (ii) In centre      (iii) centroid      (iv) orthocentre

Q4.What the point of intersection of the angle bisectors of a triangle called ?

- (i) circum centre      (ii) In centre      (iii) centroid      (iv) orthocentre

Q5.Which of the following is a three dimensional figure ?

- (i) Square      (ii) Trapezium      (iii) Cube      (iv) Parallelogram

Q6. Find the number of edges of a polyhedron having 20 faces & 12 vertices ?

- (i) 10      (ii) 20      (iii) 25      (iv) 30

Q7. Find the number of faces of a polyhedron having 6 vertices & 12 edges ?

- (i) 8      (ii) 10      (iii) 12      (iv) 14

Q8. Find the number of vertices of a polyhedron having 5 faces & 9 edges ?

- (i) 18      (ii) 12      (iii) 6      (iv) 4

Q9.What the name of the polyhedron is whose base & top are congruent polygons & whose lateral faces are parallelograms in shape ?

- (i) Tetrahedron      (ii) Trapezium      (iii) Prism      (iv) Parallelogram

Q10.How many faces a tetrahedron has ?

- (i) 14      (ii) 12      (iii) 6      (iv) 4