

## Mathematics - ICS Part 2 Mathematics Chapter 4 Short Questions Preparation

Q1.
Ans 1:
Q2. Define in-centre of a triangle.
Ans 1: The point of intersection of the internal bisectors of the angles of the triangle is called its in-centre.
Q3. Define slope-intercept form of a line.
Ans 1: The line y = mx + c is the slope-intercept form of a non-vertical straight line with slope m and y-intercept is c.
Q4. Define centroid of a triangle.
<b>Ans 1:</b> The centroid of a triangle is the point of intersection of its medians (the line joining a vertex to the middle point of the opposite side).
Q5. Define translation of axes.
Ans 1: in translation of axes, origin is shifted to another point in the plane but the axes remain parallel to the old axes.
Q6.
Ans 1:
Q7.
Ans 1:
Q8. Define circum-centre of a triangle.
Ans 1: The point of intersection of the perpendicular bisectors of the sides of a triangle is called its circum-centre.
Q9.

Ans 1:			
Q10.			
Ans 1:			