Mathematics - ICS Part 2 Mathematics Chapter 6 Short Questions Preparation

Q1. Define a chord of the circle.

Ans 1:   A line segment whose end points lie on the circle is called a chord of the circle.

Q2.

Ans 1:

Q3. Define circle as plane section of a cone.

Ans 1:   If a place cuts the cone perpendicular to the axis of the cone, then the section is a circle.

Q4.

Ans 1:

Q5.

Ans 1:

Q6.

Ans 1:

Q7. Define centre of the circle.

Ans 1:   In a circle, the fixed point is called the centre of the circle which is equi-distance from all points in the plane.

Q8. In cone how the section of an ellipse is obtained.

Ans 1:   If the cutting plane is slightly titled and cuts only one nappe of the cone, then the section is an ellipse.

Q9. In cone how the section of a circle is obtained.

Ans 1: If the cone is cut by a plane perpendicular to the axis of the cone, then the section is a circle.

Q10.

Ans 1: