

## Mathematics - FSC Part 2 Mathematics Chapter 6 Short Questions Preparation

Q1.

Ans 1:

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Q2. 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.

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Q3.

Ans 1:

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Q4.

Ans 1:

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Q5.

Ans 1:

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Q6.

Ans 1:

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Q7. Define point circle.

Ans 1: If the cone is cut by a plane passes through the vertex A, then the intersection is just a single point or a point circle.

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Q8.

Ans 1:

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Q9. Define asymptote.

**Ans 1:** A line, which seems to touch a given curve at the point of contact i.e. at infinity is called asymptote.

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Q10. 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.

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