

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

Q1.

Ans 1:

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Q2.

Ans 1:

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Q3.

Ans 1:

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Q4. Define latus rectum of the parabola.

Ans 1: The focal chord perpendicular to the axis of the parabola is called latus rectum of the parabola.

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Q5.

Ans 1:

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Q6. Define the axis of the cone.

Ans 1: A line through the centre C of a given circle and perpendicular to its plane is called the axis of the cone.

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Q7. Define parabola as plane section of a cone.

Ans 1: If the cutting plane is parallel to the generator of the cone, intersects its one nappe only, then the section is a parabola.

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Q8.

Ans 1:

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Q9. 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.

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Q10. Give definition of a circle.

**Ans 1:** The set of all points in the plane that are equally distant from a fixed point is called a circle.

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