CBSE Class 10 Mathematics
Revision Notes
CHAPTER 11
CONSTRUCTIONS

(i) Division of a Line Segment

(ii) Construction of Tangents to a Circle

(iii) Miscellaneous Questions

- **Division of a line segment in a given ratio (Internally):** The division of a line segment in a given ratio is based on the Basic Proportionality Theorem.

- **Construction of a Triangle similar to a given triangle**: By the knowledge of similar triangles and division of a line segment in a given ratio, we can construct a triangle similar to a given triangle.

- **Construction of Tangents to a circle**: By the knowledge of tangents to a circle (learnt in chapter 'Circles'), we can construct the tangents to the circle.

- Construction should be neat and clean and as per scale given in question.

- Steps of construction should be provided only to those questions where it is mentioned.