EXERCISE

- Q.1 Construct an angle whose measure is 30°.
- **Q.2** Construct the angle bisector of $\angle A$. Where $\angle A = 75^{\circ}$.
- **Q.3** Draw a line segment of length 6.4 cm and construct its perpendicular bisector.
- Q.4 Construct a triangle ABC in which AB = 7cm, BC + CA = 9 cm and $\angle A = 45^{\circ}$.
- **Q.5** Construct an angle of measure $22 \frac{1}{2}^{\circ}$.
- Q.6 Construct a right angled triangle whose base is 4 cm and sum of its hpotenuse and other side is 6 cm.

- **Q.7** Construct an equilateral $\triangle ABC$, if its altitude is 4 cm.
- **Q.8** Construct a $\triangle PQR$ in which base QR = 4 cm, $\angle R = 30^{\circ}$ and PR – PQ = 1.1 cm.
- **Q.9** Construct a $\triangle ABC$ in which base BC = 4.9 cm, AB - AC = 1.3 cm and $\angle B = 45^{\circ}$.
- Q.10 Construct a triangle having given the base BC = 6.5 cm, sum of other two sides equal to 10 cm and one of the angles of base 60° i.e. \angle B.