

## **Constructions**

### **Section B – 2 marks**

1. Construct an angle of  $30^\circ$  using compasses.
2. Construct the angle  $110^\circ$  by using protractor
3. Construct the angle  $78^\circ$  by using protector. Also name them.
4. Construct an angle of measure  $90^\circ$ , by using compasses.
5. Draw an  $\angle ABC$  of any measure. Now using compasses, draw another  $\angle XYZ$  equal to  $\angle ABC$ .

### **Section C – 3 marks**

1. Draw a line AB equal to 10 cm. Mark a point X such that AX is equal to 6 cm. Draw a line through X perpendicular to AB using compasses and ruler.
2. Draw a line segment PQ equal to 7CM. using ruler and compasses, obtain a line segment of length  $\frac{1}{2}$  PQ. Measure each part.
3. Draw a line AB. Take a point C outside it, through C, draw a line parallel to AB using compasses and ruler.

### **Section D – 4 marks**

1. Construct the following angles by using compasses and ruler.
  - a)  $45^\circ$
  - b)  $15^\circ$