

**Worksheet: 'Playing with Constructions'**

ISC · Class 6 · Mathematics · 3 questions · 3 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 3

**Q1.** Construct a circle of radius 3.5 cm and mark its centre O, a radius OA, a chord BC, and diameter DE. [1 mark]

**Q2.** Construct  $\angle ABC = 60^\circ$  and then bisect it to get  $30^\circ$ . [1 mark]

**Q3.** Draw a line segment  $PQ = 8$  cm. Construct its perpendicular bisector. Verify that any point on the bisector is equidistant from P and Q. [1 mark]