



ASSIGNMENT-15



Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Multiple Choice Type Questions

Identify the correct answer.

- Which tool is used to measure angles accurately?
(a) Divider (b) Compass (c) Protractor (d) Ruler
- The diameter of a circle is 14 cm. What is its radius?
(a) 7 cm (b) 14 cm (c) 3.5 cm (d) 28 cm
- Two circles touch internally. If their radii are 5 cm and 3 cm, what is the distance between their centres?
(a) 8 cm (b) 2 cm (c) 15 cm (d) 4 cm
- A line segment passing through the centre of a circle and connecting two points on it is called a:
(a) Radius (b) Chord (c) Diameter (d) Arc
- To verify a square, you must check that all sides are equal and it has:
(a) Two right angles (b) Three right angles (c) Four right angles (d) No right angles
- What are the common properties of both set-squares in a geometry box?
(A) They have a right angle and are triangular in shape.
(B) They have an acute angle and are rectangular in shape.
(C) They have an obtuse angle and are square in shape.
(D) They have a straight angle and are parallelogram in shape.

B. Fill in the blanks

- The instrument in the geometry box having the shape of a triangle is called a _____.
(set square/divider)
- With a ruler and compasses, we can bisect any given _____.
(line segment/shape)
- Using only the two set-squares of the geometry box, an angle of _____ can be drawn. ($75^\circ/40^\circ$)
- It is possible to draw _____ bisector(s) of a given angle.
(only one/two)