



INDIAN SCHOOL AL WADI AL KABIR
Class VI, Mathematics (2022-23)
Worksheet DTQ – PRACTICAL GEOMETRY

SHORT ANSWER TYPE QUESTIONS- 7 QUESTIONS. (2 Marks each)

Q1.	Construct an angle of measure 120°
Q2.	Draw a line segment of length 10.9 cm using a ruler.
Q3.	Draw a circle of radius 5.2 cm.
Q4.	Draw an angle of measure 60° (use ruler and compasses)
Q5.	Draw a line segment of length 10.5 cm and construct its perpendicular bisector.
Q6.	Draw any line segment AB. Mark any point M on it. Through M, draw a perpendicular to AB. (use ruler and compasses)
Q7.	Draw an angle of measure 90° and bisect it.

SHORT ANSWER TYPE- 5 QUESTIONS. (3 Marks each)

Q8.	Draw an angle of measure 85° and draw its axis of symmetry.
Q9.	Draw any line segment EF. Take any point G not on it. Through G, draw a perpendicular to EF. (use ruler and compasses)
Q10.	Draw AB of length 7.3 cm and find its axis of symmetry.
Q11.	Draw an angle of measure 110° and draw its line of symmetry.
Q12.	Draw any line segment XY. Mark any point Z on it. Through Z, draw a perpendicular to XY. (use ruler and compasses)

LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)

Q13.	Draw a line segment of length 10.8 cm. Using compasses, divide it into four equal parts. Verify by actual measurement.
Q14.	Draw an angle of measure 75° .
Q15.	With PQ of length 5.9 cm as diameter, draw a circle.
