MATHEMATICS IN EVERYDAY LIFE–6

CORDOVA™

Chapter 17 : Symmetry

ASSESSMENT
Max.Marks : 20

A : Choose the correct alternatives in each of the following : **(1 × 5 = 5)**

1. Two circles of equal radii touch externally at a point. The number of line(s) of symmetry of the figure so formed is
   (*a*) 0   (*b*) 1   (*c*) 2   (*d*) 4

2. Which one of the following is not a symmetrical object?
   (*a*) Chess-board   (*b*) Compact disc   (*c*) left part of a leaf   (*d*) black board

3. Which of the following number has 2 lines of symmetry?
   (*a*) 7   (*b*) 3   (*c*) 2   (*d*) 8

4. The letter of English alphabet which has only vertical line of symmetry is
   (*a*) O   (*b*) H   (*c*) D   (*d*) V

5. An equilateral triangle is symmetrical about each of its
   (*a*) medians   (*b*) angle bisectors   (*c*) altitudes   (*d*) all of these

B : Complete the following table : **(3 × 5 = 15)**

Shape	Showing line of symmetry	Number of lines of symmetry
Rectangle		
Square		
Line segment		
Isosceles triangle		
Kite		