Board-CBSE	Class – 7th	Topic – Perimeter and Area

Section A – MCQs (1 Mark Each)

1. What is the perimeter of a square with side 5 cm?
   a) 10 cm   b) 20 cm   c) 25 cm   d) 15 cm

2. Which formula gives the area of a rectangle?
   a) Length + Breadth   b) Length × Breadth   c) $\frac{1}{2}$ × Length × Breadth   d) None of these

3. What is the area of a triangle with base 6 cm and height 4 cm?
   a) 12 cm^2 b) 24 cm^2 c) 10 cm^2 d) 20 cm^2

4. The perimeter of a regular hexagon with side 8 cm is:
   a) 48 cm   b) 36 cm   c) 30 cm   d) 40 cm

5. A rectangle has an area of 30 cm^2 and length of 6 cm. What is its breadth?
   a) 4 cm   b) 5 cm   c) 6 cm   d) 3 cm

Section B – Subjective (2 Marks Each)

6. Find the perimeter and area of a square of side 7 cm.

7. A rectangular garden is 12 m long and 5 m wide. Find its area.

8. Find the area of a triangle whose base is 10 cm and height is 6 cm.

Section C – Application-based (3 Marks Each)

9. A piece of land is in the shape of a parallelogram with base 15 m and height 8 m. Find its area.
   If the cost of planting grass is 5 per m^2, what will be the total cost?

10. A square and a rectangle have the same area. The side of the square is 10 cm, and the breadth of the rectangle is 4 cm. Find the length of the rectangle.

Section D – HOTS / Word Problems (4 Marks Each)

11. A rectangular field is 45 m long and 20 m wide.
    (a) Find the perimeter and area of the field.
    (b) If a path 1 m wide runs along the inside edge, find the area of the path.

12. The perimeter of a triangle is 50 cm. If two of its sides are 18 cm and 17 cm, find the third side.
    Also, find the area if the height corresponding to the third side is 6 cm.