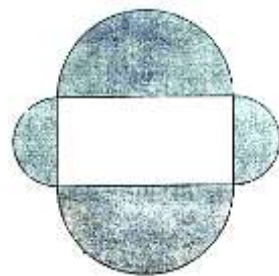
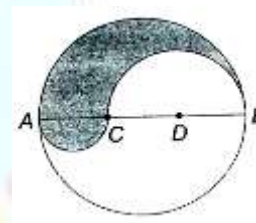


Areas Related to Circles : Worksheet -2

1. A rectangular park is $28 \text{ m} \times 14 \text{ m}$. It is surrounded by semi-circular flower beds all round. Determine the cost of levelling the beds at Rs.12 per square meter. Take $\pi = \frac{22}{7}$.



2. AB is a diameter of a circle of radius 21 cm. The length AC, CD and DB are equal. Semi-circles are drawn on AC and CB as diameters. Find



- (i) The perimeter (ii) Area of the shaded region. $\pi = \frac{22}{7}$



3. The figure shows sectors of two concentric circles of radii 14 cm and 7 cm respectively. Find the area of the shaded region.

