Areas Related to Circles : Worksheet -3
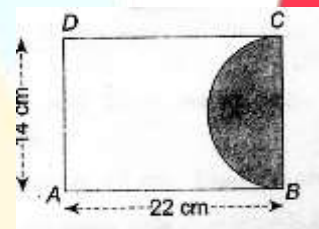
1. A chord AB of a circle of radius 14 cm makes a right angle at the center of the circle. Find the area of the minor and the major sectors. Find also the length of the minor arc AB.

2. A sheet of paper is in the form of a rectangle ABCD, where AB = 22 cm and BC = 14 cm. A semicircular portion with BC as diameter is cut off. Find the area of the remaining portion

3. Three equal circles of each of radius 4cm touch one another. Compute the area of the space enclosed by them.