



**Assignment**

**ABHYAS Academy,**  
Near Govt. College, Nishat Cinema Road,  
Ambala Cantt., Haryana (India)  
Phone: +91-171-2631595, +91-9416541198  
e-Mail: anusethi1968@yahoo.com  
[www.abhyasonline.in](http://www.abhyasonline.in)

Date: \_\_ / \_\_ / \_\_

Name: \_\_\_\_\_

**Max Marks: 13**

**Section- A (One Marks Each)**

- 1 Find the side of a square whose area is  $2.25m^2$ .
- 2 Area of triangle is  $100cm^2$ . If its altitude is 10cm, find the base.

**Section-B (Two Marks Each)**

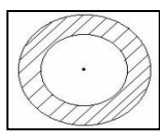
- 3 Find the area of a circle whose circumference is the same as the perimeter of a square of side 11 cm.
- 4 Find the area of a semicircle whose diameter is 49 cm. Also, find the length of boundary of the semicircle.

**Section-C (Three Marks Each)**

- 5 From a circular card sheet of radius 14cm, two circles of radius 3.5cm and a rectangle of length 3cm and breadth 1cm are removed. Find the area of the remaining sheet

**Section-D (Four Marks Each)**

- 6 The adjoining figure shows two circles with the same centre. The radius of the larger circle is 10cm and the radius of the smaller circle is 4cm. Find:
  - (a) the area of the larger circle
  - (b) the area of the smaller circle
  - (c) the shaded area between the two circles. (Take = 3.14)



**Assignment**

**ABHYAS Academy,**  
Near Govt. College, Nishat Cinema Road,  
Ambala Cantt., Haryana (India)  
Phone: +91-171-2631595, +91-9416541198  
e-Mail: anusethi1968@yahoo.com  
[www.abhyasonline.in](http://www.abhyasonline.in)

Date: \_\_ / \_\_ / \_\_

Name: \_\_\_\_\_

**Max Marks: 13**

**Section- A (One Marks Each)**

- 1 Find the side of a square whose area is  $2.25m^2$ .
- 2 Area of triangle is  $100cm^2$ . If its altitude is 10cm, find the base.

**Section-B (Two Marks Each)**

- 3 Find the area of a circle whose circumference is the same as the perimeter of a square of side 11 cm.
- 4 Find the area of a semicircle whose diameter is 49 cm. Also, find the length of boundary of the semicircle.

**Section-C (Three Marks Each)**

- 5 From a circular card sheet of radius 14cm, two circles of radius 3.5cm and a rectangle of length 3cm and breadth 1cm are removed. Find the area of the remaining sheet

**Section-D (Four Marks Each)**

- 6 The adjoining figure shows two circles with the same centre. The radius of the larger circle is 10cm and the radius of the smaller circle is 4cm. Find:
  - (a) the area of the larger circle
  - (b) the area of the smaller circle
  - (c) the shaded area between the two circles. (Take = 3.14)

