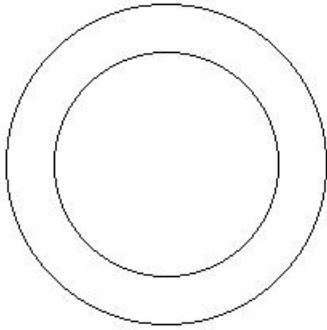# EduSahara™ Learning Center Assignment

Grade   : Class VIII, SSC
Chapter   : Area of Plane Figures
Name   : Circular Paths
Licensed To : Teachers and Students for non-commercial use

---

1. If the inner and outer radii of a ring are 7.00 cm and 10.00 cm respectively, the inner circle area is
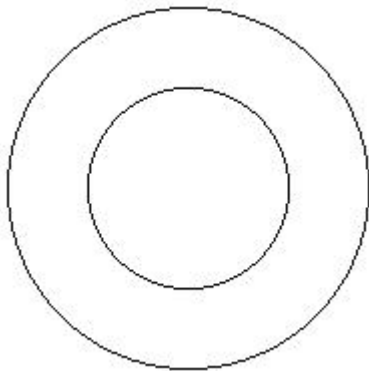

   (i) 154.00 sq.cm (ii) 158.00 sq.cm (iii) 149.00 sq.cm (iv) 130.00 sq.cm (v) 176.00 sq.cm

---

2. If the inner and outer radii of a ring are 5.00 cm and 7.00 cm respectively, the outer circle area is
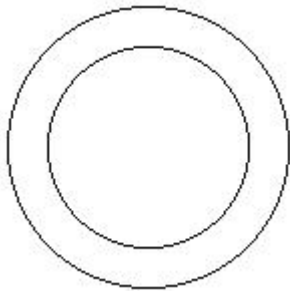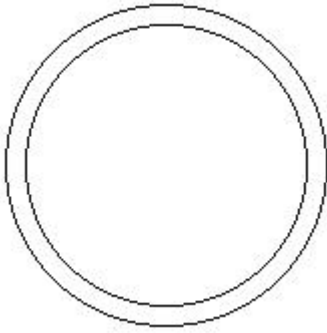

   (i) 154.00 sq.cm (ii) 170.00 sq.cm (iii) 152.00 sq.cm (iv) 131.00 sq.cm

---

3. If the inner and outer radii of a ring are 5.00 cm and 9.00 cm respectively, the width of the ring is
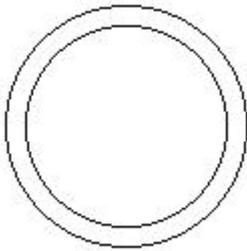
(i) 6.00 cm (ii) 5.00 cm (iii) 4.00 cm (iv) 2.00 cm (v) 3.00 cm

---

4. If the inner and outer radii of a ring are 7.00 cm and 8.00 cm respectively, the area of the ring is
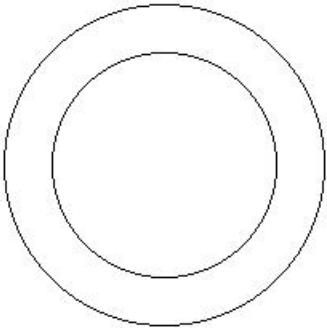
(i) 50.14 sq.cm (ii) 44.14 sq.cm (iii) 52.14 sq.cm (iv) 42.14 sq.cm (v) 47.14 sq.cm

---

5. If the width of the ring is 1.00 cm and inner radius is 5.00 cm, the inner circle area is
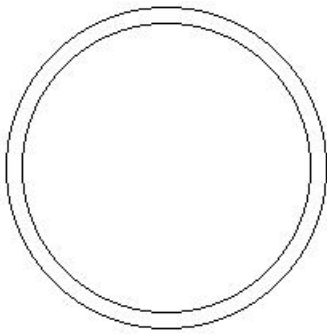
(i) 81.57 sq.cm (ii) 75.57 sq.cm (iii) 73.57 sq.cm (iv) 78.57 sq.cm (v) 83.57 sq.cm

---

6. If the width of the ring is 3.00 cm and inner radius is 7.00 cm, the outer circle radius is
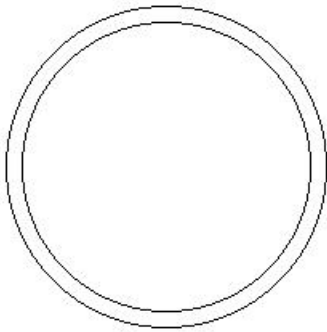
(i) 13.00 cm (ii) 15.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 10.00 cm

---

7. If the width of the ring is 1.00 cm and inner radius is 9.00 cm, the outer circle area is
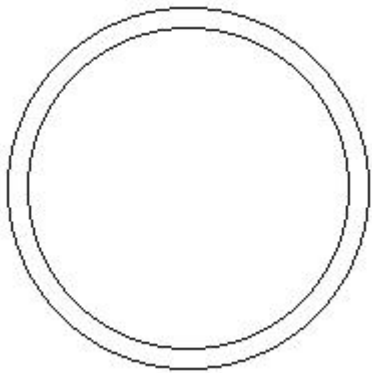
(i) 314.29 sq.cm (ii) 317.29 sq.cm (iii) 290.29 sq.cm (iv) 302.29 sq.cm (v) 337.29 sq.cm

---

8. If the width of the ring is 1.00 cm and inner radius is 9.00 cm, the area of the ring is
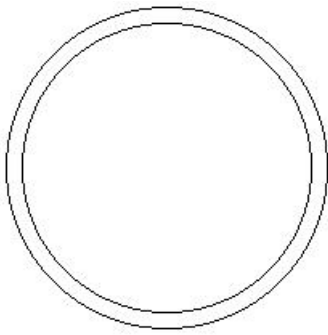

(i) 64.71 sq.cm (ii) 59.71 sq.cm (iii) 56.71 sq.cm (iv) 62.71 sq.cm (v) 54.71 sq.cm

---

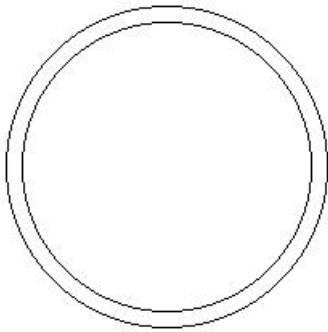9. If the width of the ring is 1.00 cm and outer radius is 9.00 cm, the inner circle radius is

(i) 9.00 cm (ii) 8.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 10.00 cm

---

10. If the width of the ring is 1.00 cm and outer radius is 10.00 cm, the inner circle area is
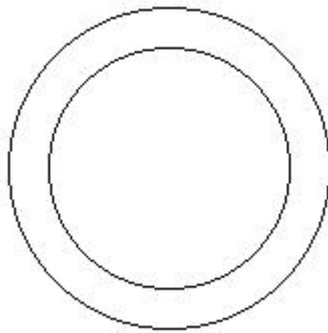
(i) 227.57 sq.cm (ii) 236.57 sq.cm (iii) 280.57 sq.cm (iv) 260.57 sq.cm (v) 254.57 sq.cm

---

11. If the width of the ring is 1.00 cm and outer radius is 10.00 cm, the outer circle area is

(i) 314.29 sq.cm (ii) 300.29 sq.cm (iii) 287.29 sq.cm (iv) 326.29 sq.cm (v) 329.29 sq.cm

---

12. If the width of the ring is 2.00 cm and outer radius is 8.00 cm, the area of the ring is
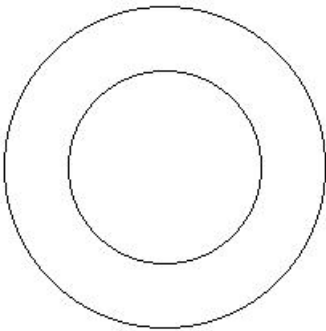

(i) 85.00 sq.cm (ii) 91.00 sq.cm (iii) 83.00 sq.cm (iv) 88.00 sq.cm (v) 93.00 sq.cm

---

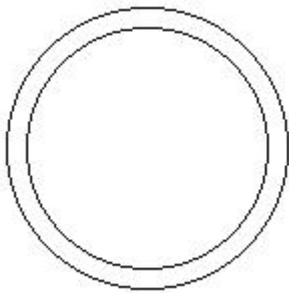13. If the inner radius of the ring is 5.00 cm and area of the ring is 235.71 sq.cm, the inner circle area is
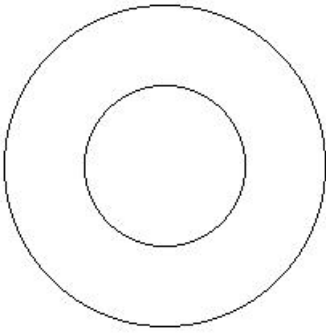
(i) 73.57 sq.cm (ii) 81.57 sq.cm (iii) 83.57 sq.cm (iv) 75.57 sq.cm (v) 78.57 sq.cm

14. If the inner radius of the ring is 6.00 cm and area of the ring is 201.14 sq.cm, the outer circle radius is
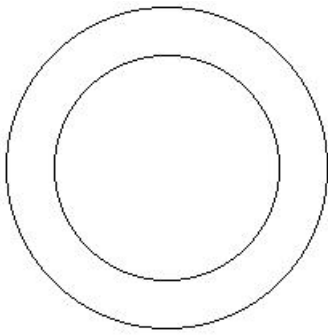

(i) 7.00 cm (ii) 13.00 cm (iii) 5.00 cm (iv) 10.00 cm (v) 15.00 cm

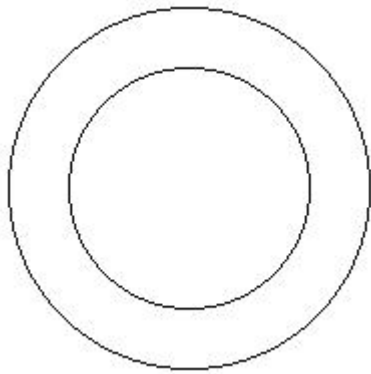15. If the inner radius of the ring is 6.00 cm and area of the ring is 40.86 sq.cm, the outer circle area is

(i) 154.00 sq.cm (ii) 142.00 sq.cm (iii) 138.00 sq.cm (iv) 170.00 sq.cm (v) 179.00 sq.cm

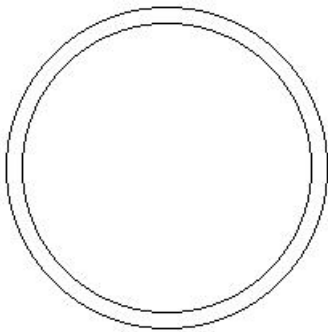16. If the inner radius of the ring is 7.00 cm and area of the ring is 160.29 sq.cm, the width of the ring is

(i) 3.00 cm (ii) 5.00 cm (iii) 1.00 cm (iv) 2.00 cm (v) 4.00 cm

---

17. If the outer radius of the ring is 9.00 cm and area of the ring is 141.43 sq.cm, the inner circle radius is
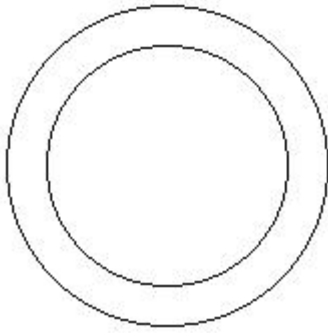

(i) 6.00 cm (ii) 8.00 cm (iii) 4.00 cm (iv) 5.00 cm (v) 7.00 cm

---

18. If the outer radius of the ring is 10.00 cm and area of the ring is 59.71 sq.cm, the inner circle area is
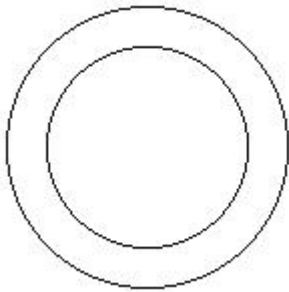

(i) 254.57 sq.cm (ii) 250.57 sq.cm (iii) 269.57 sq.cm (iv) 241.57 sq.cm (v) 266.57 sq.cm

---

19. If the outer radius of the ring is 8.00 cm and area of the ring is 88.00 sq.cm, the outer circle area is
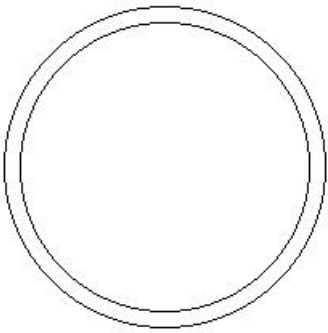
(i) 205.14 sq.cm (ii) 214.14 sq.cm (iii) 179.14 sq.cm (iv) 201.14 sq.cm (v) 187.14 sq.cm

---

20. If the outer radius of the ring is 7.00 cm and area of the ring is 75.43 sq.cm, the width of the ring is
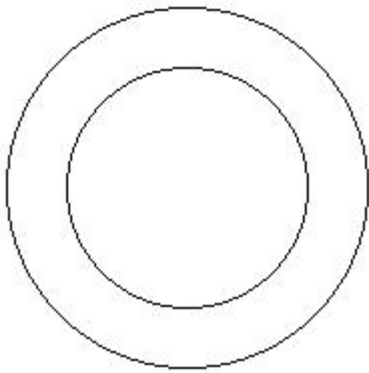

(i) 1.00 cm (ii) 3.00 cm (iii) 4.00 cm (iv) 0.00 cm (v) 2.00 cm

---

21. If the area of the inner circle of the ring is 254.57 sq.cm and area of outer circle is 314.29 sq.cm, the inner circle area is
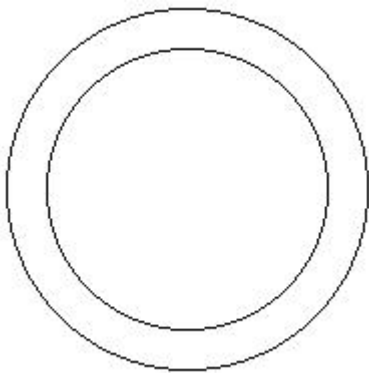

(i) 254.57 sq.cm (ii) 266.57 sq.cm (iii) 268.57 sq.cm (iv) 239.57 sq.cm (v) 241.57 sq.cm

---

22. If the area of the inner circle of the ring is 113.14 sq.cm and area of outer circle is 254.57 sq.cm, the outer circle radius is
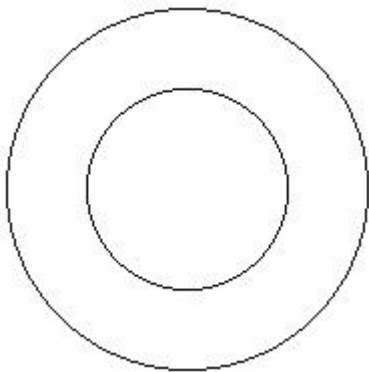
(i) 8.00 cm (ii) 10.00 cm (iii) 7.00 cm (iv) 11.00 cm (v) 9.00 cm

---

23. If the area of the inner circle of the ring is 154.00 sq.cm and area of outer circle is 254.57 sq.cm, the width of the ring is

(i) 2.00 cm (ii) 1.00 cm (iii) 0.00 cm (iv) 4.00 cm (v) 3.00 cm

---

24. If the area of the inner circle of the ring is 78.57 sq.cm and area of outer circle is 254.57 sq.cm, the area of the ring is

(i) 158.00 sq.cm (ii) 153.00 sq.cm (iii) 176.00 sq.cm (iv) 190.00 sq.cm (v) 193.00 sq.cm

---

Assignment Key

1) (i)
2) (i)
3) (iii)
4) (v)
5) (iv)
6) (v)
7) (i)
8) (ii)
9) (ii)
10) (v)
11) (i)
12) (iv)
13) (v)
14) (iv)
15) (i)
16) (i)
17) (i)
18) (i)
19) (iv)
20) (v)
21) (i)
22) (v)
23) (i)
24) (iii)