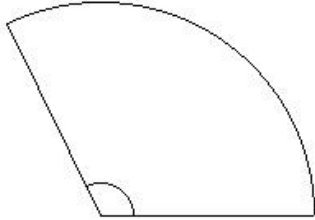


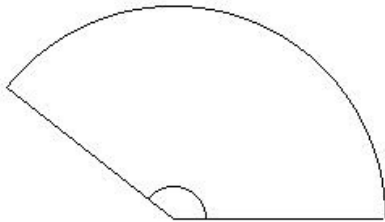


1. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is  $116.00^\circ$ , the length of the arc of the sector is



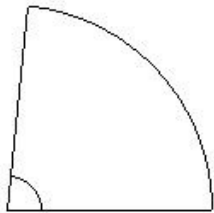
- (i) 21.33 cm (ii) 23.33 cm (iii) 31.33 cm (iv) 29.33 cm (v) 26.33 cm

2. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is  $142.00^\circ$ , the area of the sector is



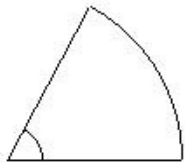
- (i) 209.51 sq.cm (ii) 223.51 sq.cm (iii) 192.51 sq.cm (iv) 206.51 sq.cm (v) 235.51 sq.cm

3. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is  $84.00^\circ$ , the perimeter of the sector is



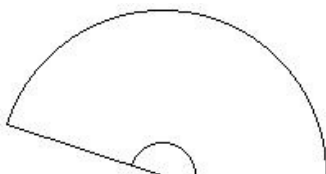
- (i) 46.60 cm (ii) 44.60 cm (iii) 41.60 cm (iv) 38.60 cm (v) 36.60 cm

4. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is  $62.00^\circ$ , the area of the circle is



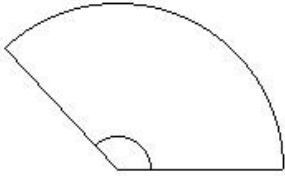
- (i) 329.29 sq.cm (ii) 314.29 sq.cm (iii) 308.29 sq.cm (iv) 341.29 sq.cm (v) 302.29 sq.cm

5. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is  $162.00^\circ$ , the perimeter of the circle is



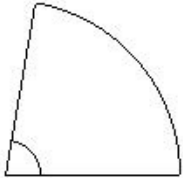
- (i) 67.86 cm (ii) 59.86 cm (iii) 57.86 cm (iv) 62.86 cm (v) 65.86 cm

6. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 23.22 cm, the angle subtended at the center by the arc of the sector is



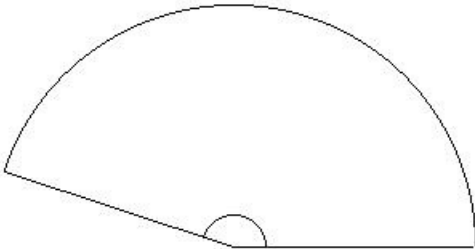
- (i)  $133.00^\circ$  (ii)  $108.00^\circ$  (iii)  $116.00^\circ$  (iv)  $150.00^\circ$  (v)  $137.00^\circ$

7. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 13.97 cm, the area of the sector is



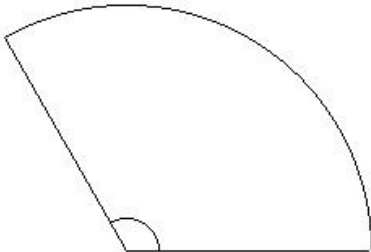
- (i) 64.84 sq.cm (ii) 72.84 sq.cm (iii) 74.84 sq.cm (iv) 69.84 sq.cm (v) 66.84 sq.cm

8. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 42.43 cm, the perimeter of the sector is



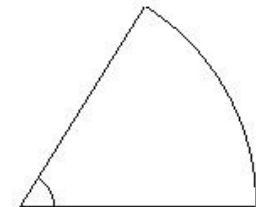
- (i) 75.43 cm (ii) 67.43 cm (iii) 69.43 cm (iv) 77.43 cm (v) 72.43 cm

9. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 31.43 cm, the area of the circle is



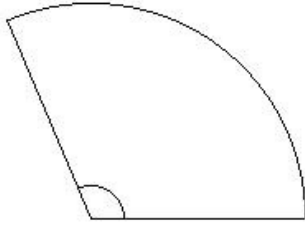
- (i) 701.14 sq.cm (ii) 733.14 sq.cm (iii) 707.14 sq.cm (iv) 694.14 sq.cm (v) 715.14 sq.cm

10. If the radius of a circle is 14.00 cm and the length of the arc of a sector is 14.18 cm, the perimeter of the circle is



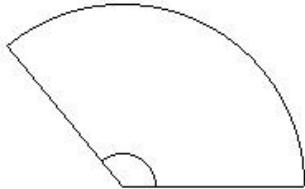
- (i) 91.00 cm (ii) 85.00 cm (iii) 88.00 cm (iv) 93.00 cm (v) 83.00 cm

11. If the radius of a circle is 13.00 cm and the area of a sector is 166.72 sq.cm, the angle subtended at the center by the arc of the sector is



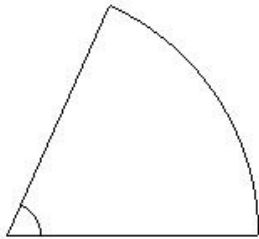
(i)  $126.00^\circ$  (ii)  $101.00^\circ$  (iii)  $120.00^\circ$  (iv)  $113.00^\circ$  (v)  $98.00^\circ$

12. If the radius of a circle is 11.00 cm and the area of a sector is 137.33 sq.cm, the length of the arc of the sector is



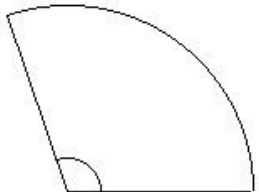
(i) 21.97 cm (ii) 27.97 cm (iii) 19.97 cm (iv) 24.97 cm (v) 29.97 cm

13. If the radius of a circle is 15.00 cm and the area of a sector is 129.64 sq.cm, the perimeter of the sector is



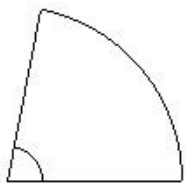
(i) 50.29 cm (ii) 42.29 cm (iii) 52.29 cm (iv) 44.29 cm (v) 47.29 cm

14. If the radius of a circle is 11.00 cm and the area of a sector is 115.14 sq.cm, the area of the circle is



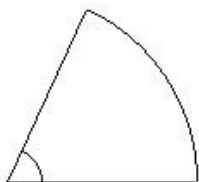
(i) 380.29 sq.cm (ii) 402.29 sq.cm (iii) 364.29 sq.cm (iv) 376.29 sq.cm (v) 393.29 sq.cm

15. If the radius of a circle is 10.00 cm and the area of a sector is 68.97 sq.cm, the perimeter of the circle is



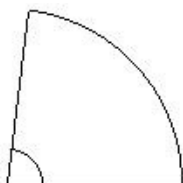
(i) 67.86 cm (ii) 62.86 cm (iii) 59.86 cm (iv) 65.86 cm (v) 57.86 cm

16. If the radius of a circle is 11.00 cm and the perimeter of a sector is 34.48 cm, the angle subtended at the center by the arc of the sector is



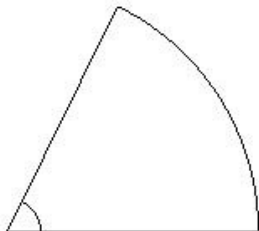
(i)  $68.00^\circ$  (ii)  $70.00^\circ$  (iii)  $65.00^\circ$  (iv)  $60.00^\circ$  (v)  $62.00^\circ$

17. If the radius of a circle is 10.00 cm and the perimeter of a sector is 34.49 cm, the length of the arc of the sector is



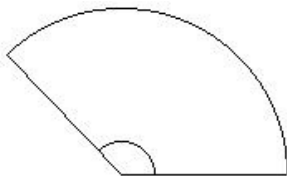
- (i) 19.49 cm (ii) 9.49 cm (iii) 17.49 cm (iv) 14.49 cm (v) 11.49 cm

18. If the radius of a circle is 15.00 cm and the perimeter of a sector is 46.76 cm, the area of the sector is



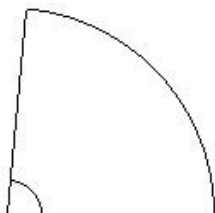
- (i) 102.71 sq.cm (ii) 141.71 sq.cm (iii) 125.71 sq.cm (iv) 129.71 sq.cm (v) 120.71 sq.cm

19. If the radius of a circle is 10.00 cm and the perimeter of a sector is 43.40 cm, the area of the circle is



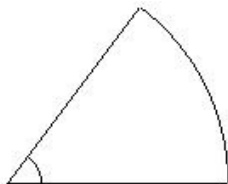
- (i) 312.29 sq.cm (ii) 314.29 sq.cm (iii) 332.29 sq.cm (iv) 319.29 sq.cm (v) 287.29 sq.cm

20. If the radius of a circle is 12.00 cm and the perimeter of a sector is 41.81 cm, the perimeter of the circle is



- (i) 78.43 cm (ii) 70.43 cm (iii) 72.43 cm (iv) 80.43 cm (v) 75.43 cm

21. If the area of a sector of a circle is 78.20 sq.cm and the angle subtended at the center by the arc of the sector is  $53.00^\circ$ , the radius of the circle is



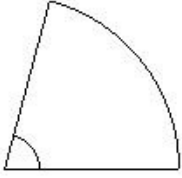
- (i) 13.00 cm (ii) 10.00 cm (iii) 18.00 cm (iv) 8.00 cm (v) 16.00 cm

22. If the area of a sector of a circle is 123.97 sq.cm and the angle subtended at the center by the arc of the sector is  $142.00^\circ$ , the length of the arc of the sector is



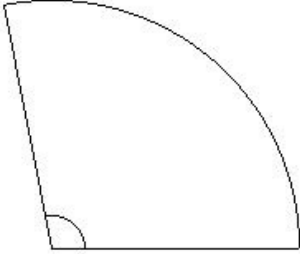
- (i) 29.79 cm (ii) 21.79 cm (iii) 24.79 cm (iv) 19.79 cm (v) 27.79 cm

23. If the area of a sector of a circle is 65.48 sq.cm and the angle subtended at the center by the arc of the sector is  $75.00^\circ$ , the perimeter of the sector is



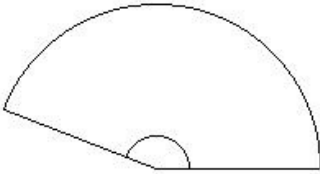
(i) 33.10 cm (ii) 28.10 cm (iii) 30.10 cm (iv) 36.10 cm (v) 38.10 cm

24. If the area of a sector of a circle is 198.39 sq.cm and the angle subtended at the center by the arc of the sector is  $101.00^\circ$ , the area of the circle is



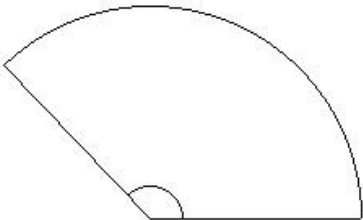
(i) 701.14 sq.cm (ii) 724.14 sq.cm (iii) 725.14 sq.cm (iv) 707.14 sq.cm (v) 692.14 sq.cm

25. If the area of a sector of a circle is 138.81 sq.cm and the angle subtended at the center by the arc of the sector is  $159.00^\circ$ , the perimeter of the circle is



(i) 59.86 cm (ii) 62.86 cm (iii) 65.86 cm (iv) 57.86 cm (v) 67.86 cm

26. If the area of a sector of a circle is 197.70 sq.cm and the length of the arc of the sector is 30.41 cm, the radius of the circle is



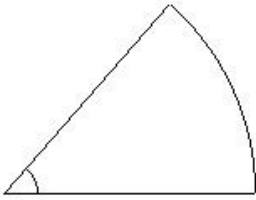
(i) 18.00 cm (ii) 8.00 cm (iii) 13.00 cm (iv) 10.00 cm (v) 16.00 cm

27. If the area of a sector of a circle is 54.93 sq.cm and the length of the arc of the sector is 9.99 cm, the angle subtended at the center by the arc of the sector is



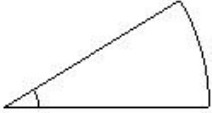
(i)  $52.00^\circ$  (ii)  $47.00^\circ$  (iii)  $57.00^\circ$  (iv)  $49.00^\circ$  (v)  $55.00^\circ$

28. If the area of a sector of a circle is 96.25 sq.cm and the length of the arc of the sector is 12.83 cm, the perimeter of the sector is



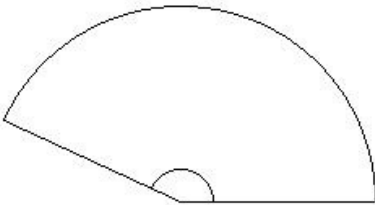
(i) 45.83 cm (ii) 42.83 cm (iii) 47.83 cm (iv) 37.83 cm (v) 39.83 cm

29. If the area of a sector of a circle is 38.97 sq.cm and the length of the arc of the sector is 6.50 cm, the area of the circle is



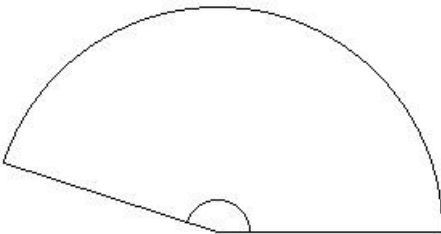
(i) 464.57 sq.cm (ii) 439.57 sq.cm (iii) 436.57 sq.cm (iv) 452.57 sq.cm

30. If the area of a sector of a circle is 194.86 sq.cm and the length of the arc of the sector is 32.48 cm, the perimeter of the circle is



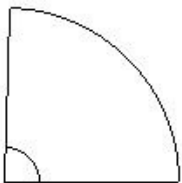
(i) 78.43 cm (ii) 70.43 cm (iii) 75.43 cm (iv) 80.43 cm (v) 72.43 cm

31. If the area of a sector of a circle is 277.20 sq.cm and the area of the circle is 616.00 sq.cm, the radius of the circle is



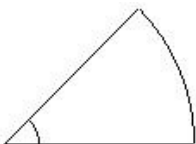
(i) 11.00 cm (ii) 17.00 cm (iii) 19.00 cm (iv) 9.00 cm (v) 14.00 cm

32. If the area of a sector of a circle is 76.83 sq.cm and the area of the circle is 314.29 sq.cm, the angle subtended at the center by the arc of the sector is



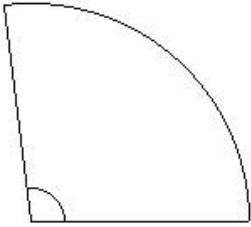
(i) 91.00° (ii) 93.00° (iii) 83.00° (iv) 85.00° (v) 88.00°

33. If the area of a sector of a circle is 47.54 sq.cm and the area of the circle is 380.29 sq.cm, the length of the arc of the sector is



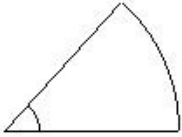
(i) 7.64 cm (ii) 8.64 cm (iii) 6.64 cm (iv) 10.64 cm (v) 9.64 cm

34. If the area of a sector of a circle is 143.11 sq.cm and the area of the circle is 531.14 sq.cm, the perimeter of the sector is



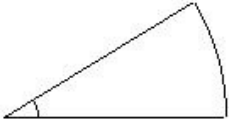
(i) 51.02 cm (ii) 45.02 cm (iii) 53.02 cm (iv) 43.02 cm (v) 48.02 cm

35. If the area of a sector of a circle is 41.91 sq.cm and the area of the circle is 314.29 sq.cm, the perimeter of the circle is



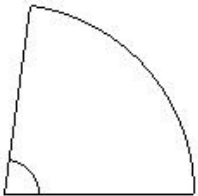
(i) 65.86 cm (ii) 62.86 cm (iii) 59.86 cm (iv) 57.86 cm (v) 67.86 cm

36. If the length of the arc of a sector is 7.04 cm and the angle subtended at the center by the arc of the sector is  $31.00^\circ$ , the radius of the circle is



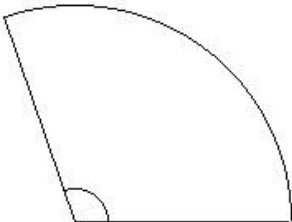
(i) 18.00 cm (ii) 10.00 cm (iii) 8.00 cm (iv) 13.00 cm (v) 16.00 cm

37. If the length of the arc of a sector is 15.75 cm and the angle subtended at the center by the arc of the sector is  $82.00^\circ$ , the area of the sector is



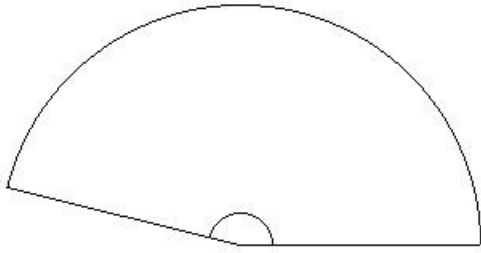
(i) 86.62 sq.cm (ii) 83.62 sq.cm (iii) 81.62 sq.cm (iv) 91.62 sq.cm (v) 89.62 sq.cm

38. If the length of the arc of a sector is 24.74 cm and the angle subtended at the center by the arc of the sector is  $109.00^\circ$ , the perimeter of the sector is



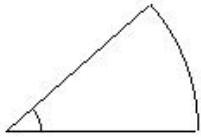
(i) 45.74 cm (ii) 50.74 cm (iii) 55.74 cm (iv) 53.74 cm (v) 47.74 cm

39. If the length of the arc of a sector is 43.48 cm and the angle subtended at the center by the arc of the sector is  $166.00^\circ$ , the area of the circle is



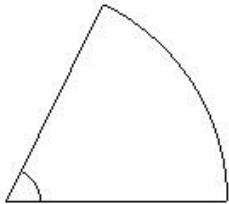
(i) 707.14 sq.cm (ii) 731.14 sq.cm (iii) 715.14 sq.cm (iv) 695.14 sq.cm (v) 702.14 sq.cm

40. If the length of the arc of a sector is 7.87 cm and the angle subtended at the center by the arc of the sector is  $41.00^\circ$ , the perimeter of the circle is



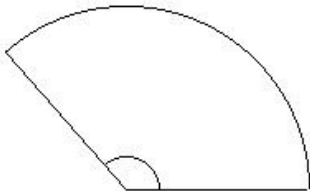
(i) 72.14 cm (ii) 69.14 cm (iii) 66.14 cm (iv) 74.14 cm (v) 64.14 cm

41. If the length of the arc of a sector is 14.53 cm and the area of the circle is 531.14 sq.cm, the radius of the circle is



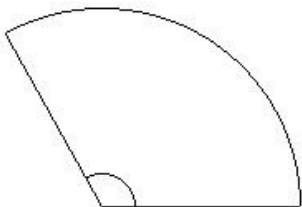
(i) 16.00 cm (ii) 10.00 cm (iii) 13.00 cm (iv) 8.00 cm (v) 18.00 cm

42. If the length of the arc of a sector is 25.16 cm and the area of the circle is 380.29 sq.cm, the angle subtended at the center by the arc of the sector is



(i)  $145.00^\circ$  (ii)  $159.00^\circ$  (iii)  $123.00^\circ$  (iv)  $116.00^\circ$  (v)  $131.00^\circ$

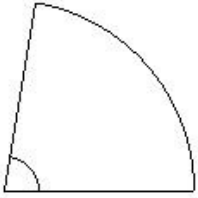
43. If the length of the arc of a sector is 24.93 cm and the area of the circle is 452.57 sq.cm, the area of the sector is



(i) 149.60 sq.cm (ii) 134.60 sq.cm (iii) 161.60 sq.cm (iv) 157.60 sq.cm (v) 136.60 sq.cm

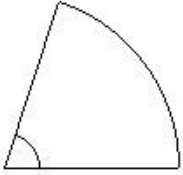


44. If the length of the arc of a sector is 15.56 cm and the area of the circle is 380.29 sq.cm, the perimeter of the sector is



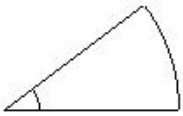
- (i) 32.56 cm (ii) 34.56 cm (iii) 42.56 cm (iv) 40.56 cm (v) 37.56 cm

45. If the length of the arc of a sector is 12.57 cm and the area of the circle is 314.29 sq.cm, the perimeter of the circle is



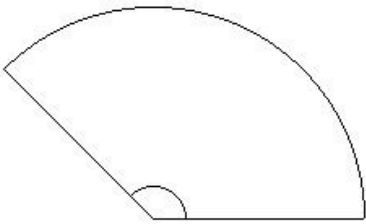
- (i) 65.86 cm (ii) 62.86 cm (iii) 67.86 cm (iv) 57.86 cm (v) 59.86 cm

46. If the length of the arc of a sector is 6.46 cm and the perimeter of the circle is 62.86 cm, the radius of the circle is



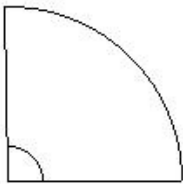
- (i) 10.00 cm (ii) 5.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 7.00 cm

47. If the length of the arc of a sector is 30.64 cm and the perimeter of the circle is 81.71 cm, the angle subtended at the center by the arc of the sector is



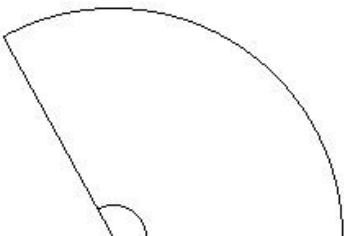
- (i) 137.00° (ii) 110.00° (iii) 121.00° (iv) 135.00° (v) 158.00°

48. If the length of the arc of a sector is 15.89 cm and the perimeter of the circle is 62.86 cm, the area of the sector is



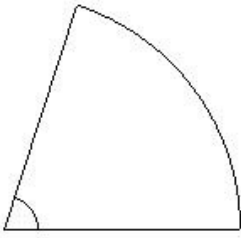
- (i) 74.45 sq.cm (ii) 76.45 sq.cm (iii) 82.45 sq.cm (iv) 79.45 sq.cm (v) 84.45 sq.cm

49. If the length of the arc of a sector is 29.09 cm and the perimeter of the circle is 88.00 cm, the perimeter of the sector is



- (i) 60.09 cm (ii) 62.09 cm (iii) 57.09 cm (iv) 52.09 cm (v) 54.09 cm

50. If the length of the arc of a sector is 17.60 cm and the perimeter of the circle is 88.00 cm, the area of the circle is



- (i) 624.00 sq.cm (ii) 588.00 sq.cm (iii) 611.00 sq.cm (iv) 616.00 sq.cm (v) 629.00 sq.cm

## Assignment Key

1) (v)	2) (i)	3) (iii)	4) (ii)	5) (iv)	6) (i)
7) (iv)	8) (v)	9) (iii)	10) (iii)	11) (iv)	12) (iv)
13) (v)	14) (i)	15) (ii)	16) (iii)	17) (iv)	18) (iii)
19) (ii)	20) (v)	21) (i)	22) (iii)	23) (i)	24) (iv)
25) (ii)	26) (iii)	27) (i)	28) (ii)	29) (iv)	30) (iii)
31) (v)	32) (v)	33) (ii)	34) (v)	35) (ii)	36) (iv)
37) (i)	38) (ii)	39) (i)	40) (ii)	41) (iii)	42) (v)
43) (i)	44) (v)	45) (ii)	46) (i)	47) (iv)	48) (iv)
49) (iii)	50) (iv)				