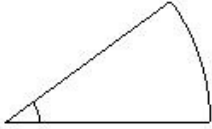


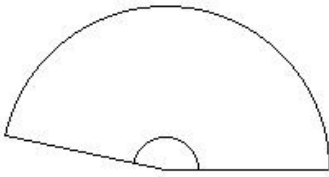


1. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is  $36.00^\circ$ , the length of the arc of the sector is



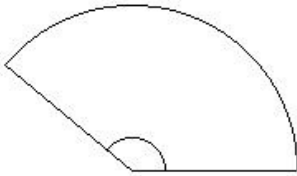
- (i) 8.54 cm (ii) 6.54 cm (iii) 9.54 cm (iv) 7.54 cm (v) 5.54 cm

2. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is  $168.00^\circ$ , the area of the sector is



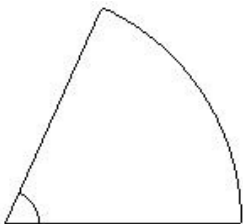
- (i) 149.67 sq.cm (ii) 131.67 sq.cm (iii) 132.67 sq.cm (iv) 158.67 sq.cm (v) 146.67 sq.cm

3. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is  $140.00^\circ$ , the perimeter of the sector is



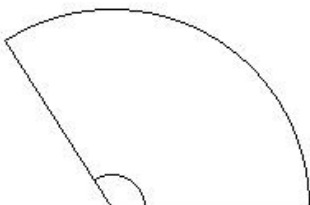
- (i) 49.45 cm (ii) 41.45 cm (iii) 39.45 cm (iv) 44.45 cm (v) 47.45 cm

4. If the radius of a circle is 14.00 cm and the angle subtended at the center by the arc of a sector is  $66.00^\circ$ , the area of the circle is



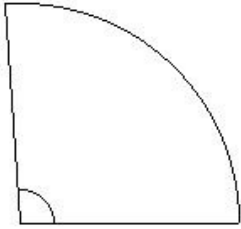
- (i) 631.00 sq.cm (ii) 600.00 sq.cm (iii) 629.00 sq.cm (iv) 604.00 sq.cm (v) 616.00 sq.cm

5. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is  $123.00^\circ$ , the perimeter of the circle is



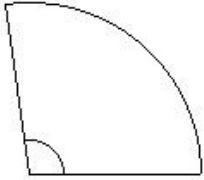
- (i) 70.43 cm (ii) 75.43 cm (iii) 72.43 cm (iv) 80.43 cm (v) 78.43 cm

6. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 21.34 cm, the angle subtended at the center by the arc of the sector is



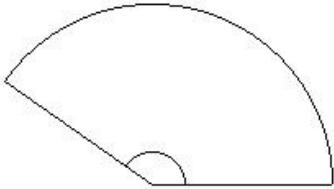
- (i) 89.00° (ii) 94.00° (iii) 91.00° (iv) 97.00° (v) 99.00°

7. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 17.11 cm, the area of the sector is



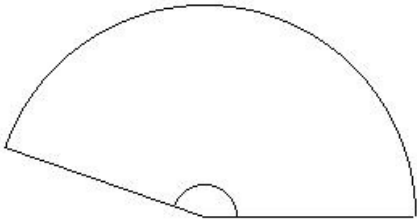
- (i) 88.56 sq.cm (ii) 82.56 sq.cm (iii) 85.56 sq.cm (iv) 80.56 sq.cm (v) 90.56 sq.cm

8. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 27.85 cm, the perimeter of the sector is



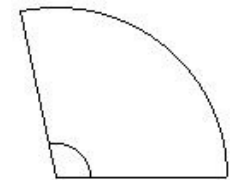
- (i) 52.85 cm (ii) 54.85 cm (iii) 44.85 cm (iv) 49.85 cm (v) 46.85 cm

9. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 36.54 cm, the area of the circle is



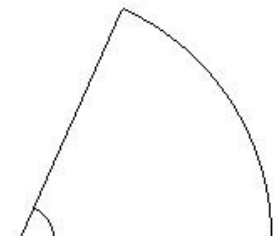
- (i) 545.14 sq.cm (ii) 531.14 sq.cm (iii) 516.14 sq.cm (iv) 549.14 sq.cm (v) 518.14 sq.cm

10. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 17.81 cm, the perimeter of the circle is



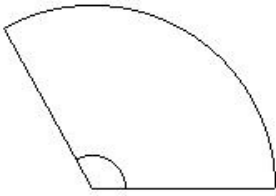
- (i) 67.86 cm (ii) 62.86 cm (iii) 65.86 cm (iv) 57.86 cm (v) 59.86 cm

11. If the radius of a circle is 15.00 cm and the area of a sector is 129.64 sq.cm, the angle subtended at the center by the arc of the sector is



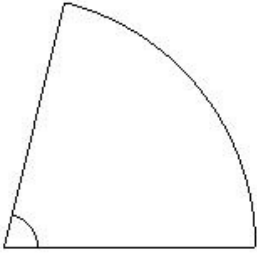
- (i) 66.00° (ii) 61.00° (iii) 71.00° (iv) 69.00° (v) 63.00°

12. If the radius of a circle is 11.00 cm and the area of a sector is 125.71 sq.cm, the length of the arc of the sector is



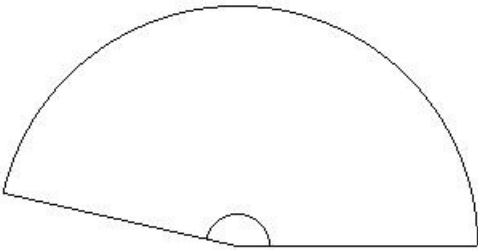
- (i) 19.85 cm (ii) 17.85 cm (iii) 27.85 cm (iv) 22.85 cm (v) 25.85 cm

13. If the radius of a circle is 15.00 cm and the area of a sector is 149.29 sq.cm, the perimeter of the sector is



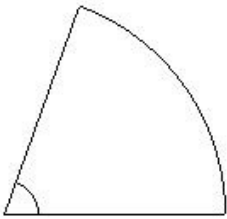
- (i) 52.91 cm (ii) 44.91 cm (iii) 54.91 cm (iv) 49.91 cm (v) 46.91 cm

14. If the radius of a circle is 15.00 cm and the area of a sector is 328.03 sq.cm, the area of the circle is



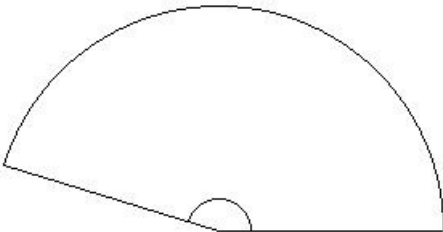
- (i) 681.14 sq.cm (ii) 689.14 sq.cm (iii) 722.14 sq.cm (iv) 707.14 sq.cm (v) 724.14 sq.cm

15. If the radius of a circle is 13.00 cm and the area of a sector is 103.28 sq.cm, the perimeter of the circle is



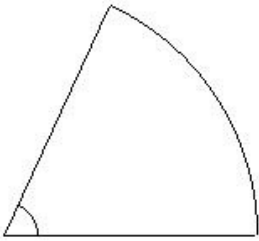
- (i) 84.71 cm (ii) 78.71 cm (iii) 86.71 cm (iv) 76.71 cm (v) 81.71 cm

16. If the radius of a circle is 14.00 cm and the perimeter of a sector is 67.84 cm, the angle subtended at the center by the arc of the sector is



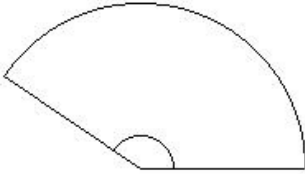
- (i) 146.00° (ii) 187.00° (iii) 158.00° (iv) 180.00° (v) 163.00°

17. If the radius of a circle is 15.00 cm and the perimeter of a sector is 47.02 cm, the length of the arc of the sector is



- (i) 20.02 cm (ii) 12.02 cm (iii) 22.02 cm (iv) 14.02 cm (v) 17.02 cm

18. If the radius of a circle is 10.00 cm and the perimeter of a sector is 45.49 cm, the area of the sector is



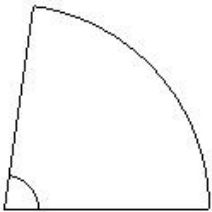
- (i) 127.46 sq.cm (ii) 104.46 sq.cm (iii) 122.46 sq.cm (iv) 145.46 sq.cm

19. If the radius of a circle is 10.00 cm and the perimeter of a sector is 26.46 cm, the area of the circle is



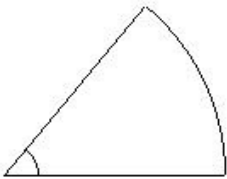
- (i) 330.29 sq.cm (ii) 338.29 sq.cm (iii) 311.29 sq.cm (iv) 314.29 sq.cm (v) 299.29 sq.cm

20. If the radius of a circle is 12.00 cm and the perimeter of a sector is 41.18 cm, the perimeter of the circle is



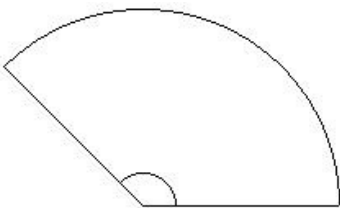
- (i) 78.43 cm (ii) 75.43 cm (iii) 70.43 cm (iv) 72.43 cm (v) 80.43 cm

21. If the area of a sector of a circle is 73.77 sq.cm and the angle subtended at the center by the arc of the sector is  $50.00^\circ$ , the radius of the circle is



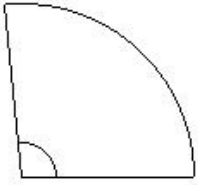
- (i) 8.00 cm (ii) 10.00 cm (iii) 18.00 cm (iv) 13.00 cm (v) 16.00 cm

22. If the area of a sector of a circle is 169.71 sq.cm and the angle subtended at the center by the arc of the sector is  $135.00^\circ$ , the length of the arc of the sector is



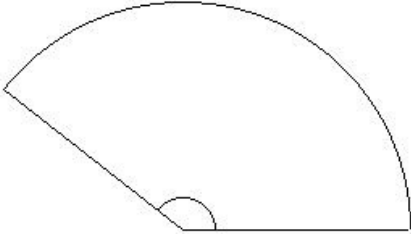
- (i) 33.29 cm (ii) 31.29 cm (iii) 28.29 cm (iv) 23.29 cm (v) 25.29 cm

23. If the area of a sector of a circle is 83.81 sq.cm and the angle subtended at the center by the arc of the sector is  $96.00^\circ$ , the perimeter of the sector is



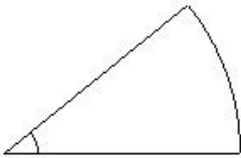
- (i) 36.76 cm (ii) 41.76 cm (iii) 39.76 cm (iv) 33.76 cm (v) 31.76 cm

24. If the area of a sector of a circle is 242.98 sq.cm and the angle subtended at the center by the arc of the sector is  $142.00^\circ$ , the area of the circle is



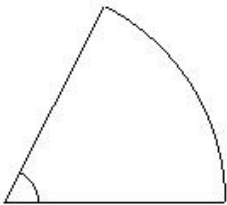
- (i) 631.00 sq.cm (ii) 602.00 sq.cm (iii) 634.00 sq.cm (iv) 590.00 sq.cm (v) 616.00 sq.cm

25. If the area of a sector of a circle is 66.73 sq.cm and the angle subtended at the center by the arc of the sector is  $39.00^\circ$ , the perimeter of the circle is



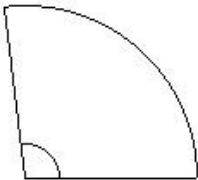
- (i) 83.00 cm (ii) 93.00 cm (iii) 91.00 cm (iv) 85.00 cm (v) 88.00 cm

26. If the area of a sector of a circle is 92.95 sq.cm and the length of the arc of the sector is 14.30 cm, the radius of the circle is



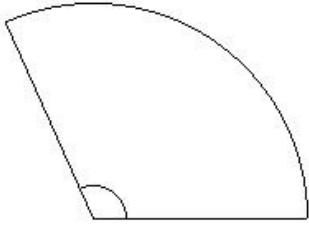
- (i) 16.00 cm (ii) 10.00 cm (iii) 8.00 cm (iv) 18.00 cm (v) 13.00 cm

27. If the area of a sector of a circle is 84.68 sq.cm and the length of the arc of the sector is 16.94 cm, the angle subtended at the center by the arc of the sector is



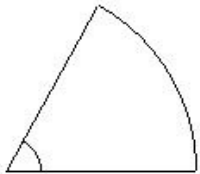
- (i)  $100.00^\circ$  (ii)  $92.00^\circ$  (iii)  $97.00^\circ$  (iv)  $102.00^\circ$  (v)  $94.00^\circ$

28. If the area of a sector of a circle is 168.19 sq.cm and the length of the arc of the sector is 25.87 cm, the perimeter of the sector is



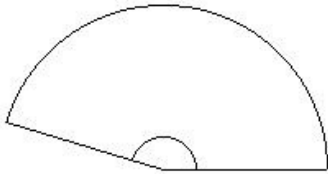
- (i) 51.87 cm (ii) 56.87 cm (iii) 46.87 cm (iv) 54.87 cm (v) 48.87 cm

29. If the area of a sector of a circle is 64.44 sq.cm and the length of the arc of the sector is 11.72 cm, the area of the circle is



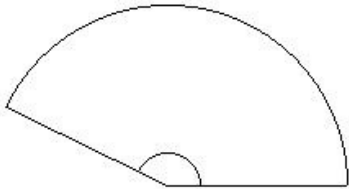
- (i) 362.29 sq.cm (ii) 395.29 sq.cm (iii) 363.29 sq.cm (iv) 404.29 sq.cm (v) 380.29 sq.cm

30. If the area of a sector of a circle is 142.30 sq.cm and the length of the arc of the sector is 28.46 cm, the perimeter of the circle is



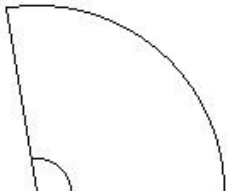
- (i) 67.86 cm (ii) 59.86 cm (iii) 57.86 cm (iv) 62.86 cm (v) 65.86 cm

31. If the area of a sector of a circle is 162.68 sq.cm and the area of the circle is 380.29 sq.cm, the radius of the circle is



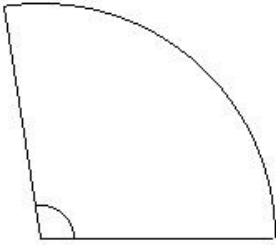
- (i) 6.00 cm (ii) 8.00 cm (iii) 16.00 cm (iv) 14.00 cm (v) 11.00 cm

32. If the area of a sector of a circle is 104.58 sq.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



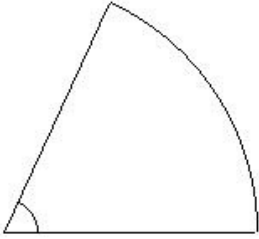
- (i) 99.00° (ii) 104.00° (iii) 102.00° (iv) 96.00° (v) 94.00°

33. If the area of a sector of a circle is 169.40 sq.cm and the area of the circle is 616.00 sq.cm, the length of the arc of the sector is



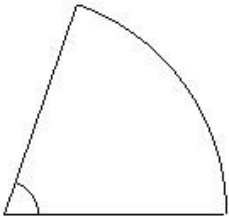
- (i) 29.20 cm (ii) 24.20 cm (iii) 27.20 cm (iv) 21.20 cm (v) 19.20 cm

34. If the area of a sector of a circle is 127.68 sq.cm and the area of the circle is 707.14 sq.cm, the perimeter of the sector is



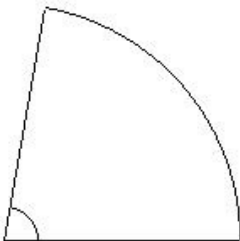
- (i) 52.02 cm (ii) 42.02 cm (iii) 50.02 cm (iv) 44.02 cm (v) 47.02 cm

35. If the area of a sector of a circle is 104.75 sq.cm and the area of the circle is 531.14 sq.cm, the perimeter of the circle is



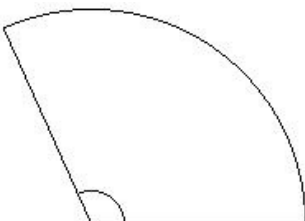
- (i) 78.71 cm (ii) 81.71 cm (iii) 86.71 cm (iv) 76.71 cm (v) 84.71 cm

36. If the length of the arc of a sector is 19.56 cm and the angle subtended at the center by the arc of the sector is  $80.00^\circ$ , the radius of the circle is



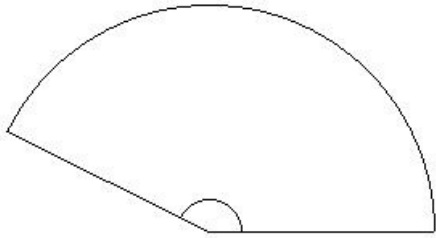
- (i) 11.00 cm (ii) 9.00 cm (iii) 17.00 cm (iv) 19.00 cm (v) 14.00 cm

37. If the length of the arc of a sector is 25.87 cm and the angle subtended at the center by the arc of the sector is  $114.00^\circ$ , the area of the sector is



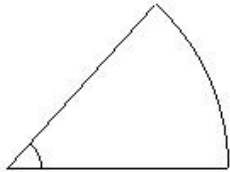
- (i) 173.19 sq.cm (ii) 150.19 sq.cm (iii) 182.19 sq.cm (iv) 168.19 sq.cm (v) 161.19 sq.cm

38. If the length of the arc of a sector is 37.64 cm and the angle subtended at the center by the arc of the sector is  $154.00^\circ$ , the perimeter of the sector is



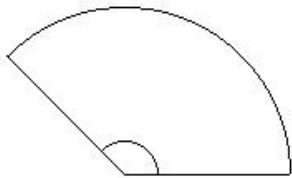
- (i) 65.64 cm (ii) 60.64 cm (iii) 62.64 cm (iv) 70.64 cm (v) 68.64 cm

39. If the length of the arc of a sector is 10.89 cm and the angle subtended at the center by the arc of the sector is  $48.00^\circ$ , the perimeter of the circle is



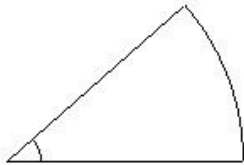
- (i) 81.71 cm (ii) 76.71 cm (iii) 86.71 cm (iv) 84.71 cm (v) 78.71 cm

40. If the length of the arc of a sector is 23.57 cm and the area of the circle is 314.29 sq.cm, the radius of the circle is



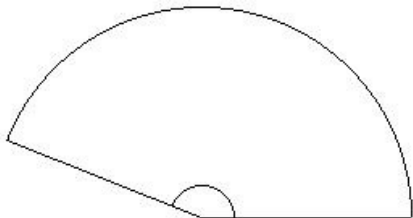
- (i) 10.00 cm (ii) 15.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 13.00 cm

41. If the length of the arc of a sector is 10.02 cm and the area of the circle is 616.00 sq.cm, the angle subtended at the center by the arc of the sector is



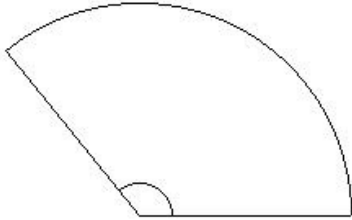
- (i)  $36.00^\circ$  (ii)  $44.00^\circ$  (iii)  $38.00^\circ$  (iv)  $41.00^\circ$  (v)  $46.00^\circ$

42. If the length of the arc of a sector is 35.86 cm and the area of the circle is 531.14 sq.cm, the area of the sector is



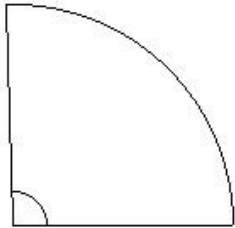
- (i) 233.11 sq.cm (ii) 206.11 sq.cm (iii) 235.11 sq.cm (iv) 247.11 sq.cm (v) 218.11 sq.cm

43. If the length of the arc of a sector is 29.28 cm and the area of the circle is 531.14 sq.cm, the perimeter of the sector is



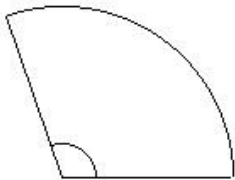
- (i) 50.28 cm (ii) 55.28 cm (iii) 58.28 cm (iv) 52.28 cm (v) 60.28 cm

44. If the length of the arc of a sector is 20.88 cm and the area of the circle is 531.14 sq.cm, the perimeter of the circle is



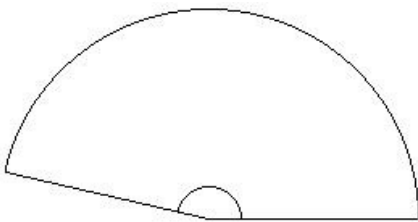
- (i) 78.71 cm (ii) 86.71 cm (iii) 81.71 cm (iv) 84.71 cm (v) 76.71 cm

45. If the length of the arc of a sector is 19.03 cm and the perimeter of the circle is 62.86 cm, the radius of the circle is



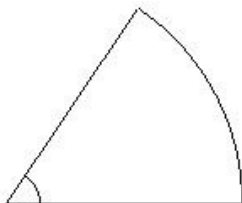
- (i) 10.00 cm (ii) 7.00 cm (iii) 13.00 cm (iv) 5.00 cm (v) 15.00 cm

46. If the length of the arc of a sector is 37.90 cm and the perimeter of the circle is 81.71 cm, the angle subtended at the center by the arc of the sector is



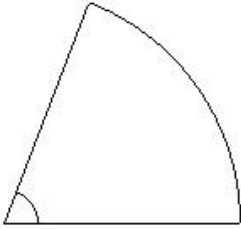
- (i)  $164.00^\circ$  (ii)  $189.00^\circ$  (iii)  $139.00^\circ$  (iv)  $172.00^\circ$  (v)  $167.00^\circ$

47. If the length of the arc of a sector is 13.69 cm and the perimeter of the circle is 88.00 cm, the area of the sector is



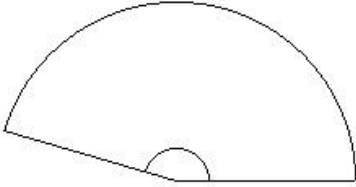
- (i) 100.82 sq.cm (ii) 98.82 sq.cm (iii) 95.82 sq.cm (iv) 90.82 sq.cm (v) 92.82 sq.cm

48. If the length of the arc of a sector is 16.87 cm and the perimeter of the circle is 88.00 cm, the perimeter of the sector is



- (i) 44.87 cm (ii) 39.87 cm (iii) 41.87 cm (iv) 49.87 cm (v) 47.87 cm

49. If the length of the arc of a sector is 31.50 cm and the perimeter of the circle is 69.14 cm, the area of the circle is



- (i) 362.29 sq.cm (ii) 406.29 sq.cm (iii) 373.29 sq.cm (iv) 380.29 sq.cm (v) 382.29 sq.cm

## Assignment Key

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