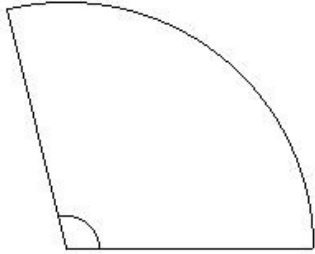


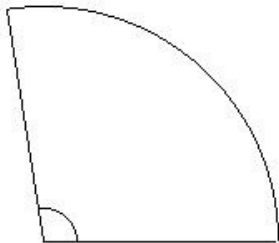


1. If the radius of a circle is 15.00 cm and the angle subtended at the center by the arc of a sector is 104.00° , the length of the arc of the sector is



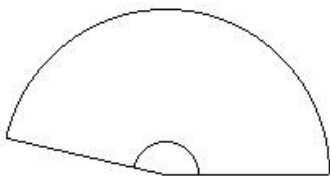
- (i) 22.24 cm (ii) 32.24 cm (iii) 27.24 cm (iv) 24.24 cm (v) 30.24 cm

2. If the radius of a circle is 14.00 cm and the angle subtended at the center by the arc of a sector is 99.00° , the area of the sector is



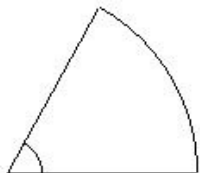
- (i) 193.40 sq.cm (ii) 171.40 sq.cm (iii) 154.40 sq.cm (iv) 151.40 sq.cm (v) 169.40 sq.cm

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 167.00° , the perimeter of the sector is



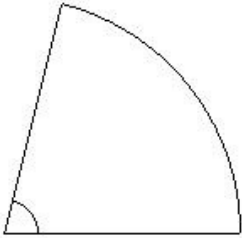
- (i) 46.16 cm (ii) 54.16 cm (iii) 49.16 cm (iv) 52.16 cm (v) 44.16 cm

4. If the radius of a circle is 11.00 cm and the angle subtended at the center by the arc of a sector is 61.00° , the area of the circle is



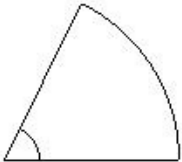
- (i) 385.29 sq.cm (ii) 397.29 sq.cm (iii) 380.29 sq.cm (iv) 368.29 sq.cm (v) 366.29 sq.cm

5. If the radius of a circle is 14.00 cm and the angle subtended at the center by the arc of a sector is 76.00° , the perimeter of the circle is



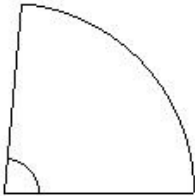
- (i) 93.00 cm (ii) 83.00 cm (iii) 88.00 cm (iv) 91.00 cm (v) 85.00 cm

6. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 11.18 cm, the angle subtended at the center by the arc of the sector is



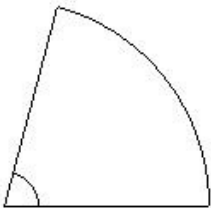
- (i) 61.00° (ii) 69.00° (iii) 59.00° (iv) 64.00° (v) 67.00°

7. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 16.32 cm, the area of the sector is



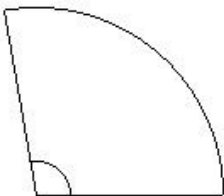
- (i) 89.79 sq.cm (ii) 86.79 sq.cm (iii) 84.79 sq.cm (iv) 94.79 sq.cm (v) 92.79 sq.cm

8. If the radius of a circle is 12.00 cm and the length of the arc of a sector is 15.71 cm, the perimeter of the sector is



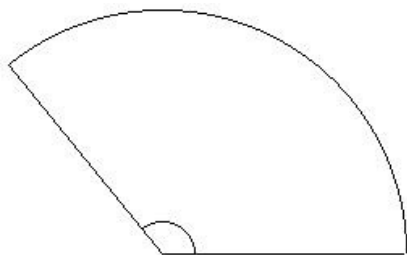
- (i) 39.71 cm (ii) 34.71 cm (iii) 36.71 cm (iv) 42.71 cm (v) 44.71 cm

9. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 19.21 cm, the area of the circle is



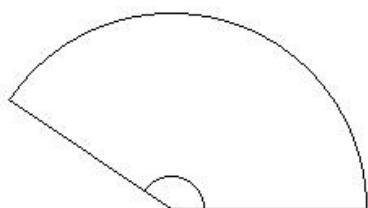
- (i) 380.29 sq.cm (ii) 378.29 sq.cm (iii) 363.29 sq.cm (iv) 386.29 sq.cm (v) 402.29 sq.cm

10. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 33.79 cm, the perimeter of the circle is



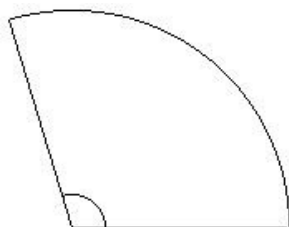
- (i) 94.29 cm (ii) 99.29 cm (iii) 91.29 cm (iv) 97.29 cm (v) 89.29 cm

11. If the radius of a circle is 12.00 cm and the area of a sector is 183.54 sq.cm, the angle subtended at the center by the arc of the sector is



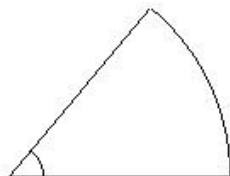
- (i) 146.00° (ii) 133.00° (iii) 142.00° (iv) 164.00° (v) 170.00°

12. If the radius of a circle is 13.00 cm and the area of a sector is 157.87 sq.cm, the length of the arc of the sector is



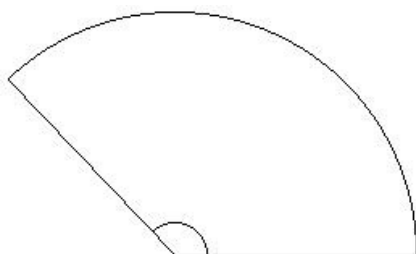
- (i) 19.29 cm (ii) 24.29 cm (iii) 21.29 cm (iv) 27.29 cm (v) 29.29 cm

13. If the radius of a circle is 13.00 cm and the area of a sector is 73.77 sq.cm, the perimeter of the sector is



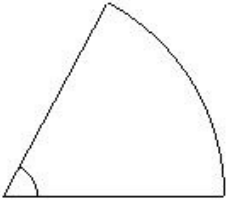
- (i) 42.35 cm (ii) 40.35 cm (iii) 34.35 cm (iv) 37.35 cm (v) 32.35 cm

14. If the radius of a circle is 15.00 cm and the area of a sector is 263.21 sq.cm, the area of the circle is



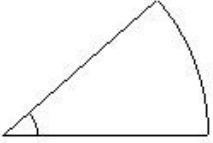
- (i) 682.14 sq.cm (ii) 694.14 sq.cm (iii) 707.14 sq.cm (iv) 731.14 sq.cm (v) 719.14 sq.cm

15. If the radius of a circle is 13.00 cm and the area of a sector is 91.47 sq.cm, the perimeter of the circle is



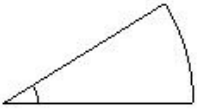
- (i) 86.71 cm (ii) 76.71 cm (iii) 81.71 cm (iv) 84.71 cm (v) 78.71 cm

16. If the radius of a circle is 12.00 cm and the perimeter of a sector is 32.59 cm, the angle subtended at the center by the arc of the sector is



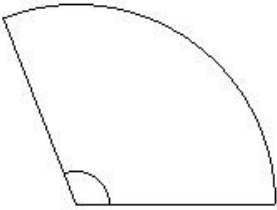
- (i) 36.00° (ii) 41.00° (iii) 38.00° (iv) 44.00° (v) 46.00°

17. If the radius of a circle is 11.00 cm and the perimeter of a sector is 28.15 cm, the length of the arc of the sector is



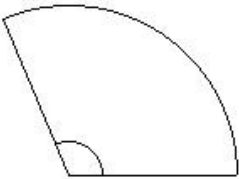
- (i) 5.15 cm (ii) 8.15 cm (iii) 4.15 cm (iv) 7.15 cm (v) 6.15 cm

18. If the radius of a circle is 12.00 cm and the perimeter of a sector is 47.47 cm, the area of the sector is



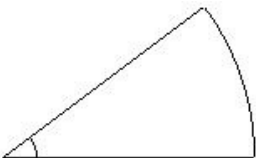
- (i) 122.80 sq.cm (ii) 144.80 sq.cm (iii) 118.80 sq.cm (iv) 140.80 sq.cm (v) 153.80 sq.cm

19. If the radius of a circle is 10.00 cm and the perimeter of a sector is 39.73 cm, the area of the circle is



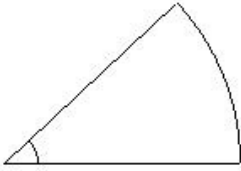
- (i) 286.29 sq.cm (ii) 321.29 sq.cm (iii) 314.29 sq.cm (iv) 297.29 sq.cm (v) 340.29 sq.cm

20. If the radius of a circle is 15.00 cm and the perimeter of a sector is 39.69 cm, the perimeter of the circle is



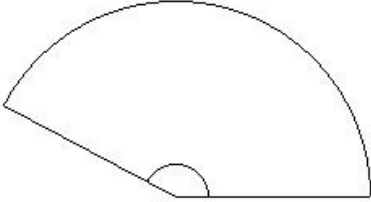
- (i) 94.29 cm (ii) 99.29 cm (iii) 89.29 cm (iv) 97.29 cm (v) 91.29 cm

21. If the area of a sector of a circle is 73.58 sq.cm and the angle subtended at the center by the arc of the sector is 43.00° , the radius of the circle is



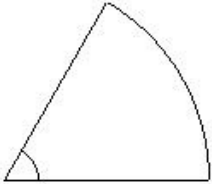
- (i) 14.00 cm (ii) 11.00 cm (iii) 19.00 cm (iv) 9.00 cm (v) 17.00 cm

22. If the area of a sector of a circle is 191.09 sq.cm and the angle subtended at the center by the arc of the sector is 152.00° , the length of the arc of the sector is



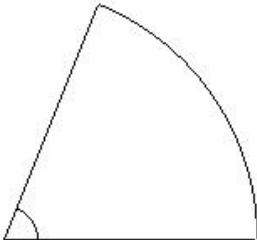
- (i) 36.85 cm (ii) 26.85 cm (iii) 28.85 cm (iv) 34.85 cm (v) 31.85 cm

23. If the area of a sector of a circle is 75.43 sq.cm and the angle subtended at the center by the arc of the sector is 60.00° , the perimeter of the sector is



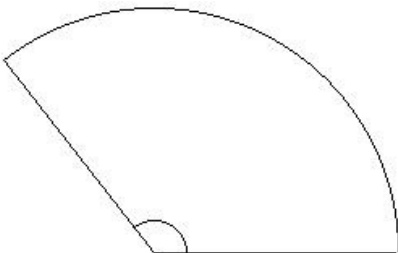
- (i) 36.57 cm (ii) 41.57 cm (iii) 39.57 cm (iv) 33.57 cm (v) 31.57 cm

24. If the area of a sector of a circle is 133.57 sq.cm and the angle subtended at the center by the arc of the sector is 68.00° , the area of the circle is



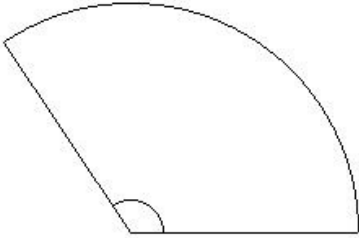
- (i) 713.14 sq.cm (ii) 685.14 sq.cm (iii) 721.14 sq.cm (iv) 707.14 sq.cm (v) 694.14 sq.cm

25. If the area of a sector of a circle is 251.43 sq.cm and the angle subtended at the center by the arc of the sector is 128.00° , the perimeter of the circle is



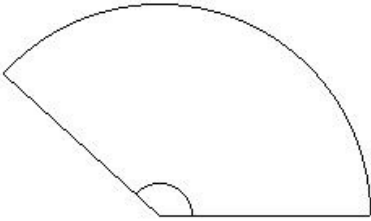
- (i) 99.29 cm (ii) 94.29 cm (iii) 89.29 cm (iv) 97.29 cm (v) 91.29 cm

26. If the area of a sector of a circle is 212.18 sq.cm and the length of the arc of the sector is 30.31 cm, the radius of the circle is



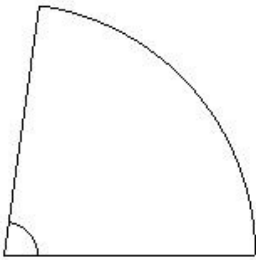
- (i) 9.00 cm (ii) 14.00 cm (iii) 19.00 cm (iv) 17.00 cm (v) 11.00 cm

27. If the area of a sector of a circle is 203.60 sq.cm and the length of the arc of the sector is 31.32 cm, the angle subtended at the center by the arc of the sector is



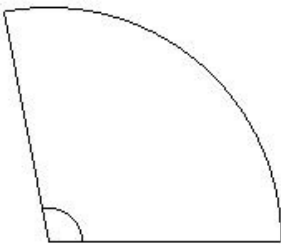
- (i) 165.00° (ii) 136.00° (iii) 138.00° (iv) 145.00° (v) 120.00°

28. If the area of a sector of a circle is 161.07 sq.cm and the length of the arc of the sector is 21.48 cm, the perimeter of the sector is



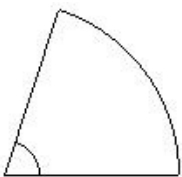
- (i) 54.48 cm (ii) 46.48 cm (iii) 56.48 cm (iv) 51.48 cm (v) 48.48 cm

29. If the area of a sector of a circle is 172.82 sq.cm and the length of the arc of the sector is 24.69 cm, the area of the circle is



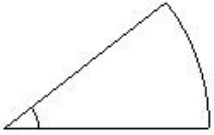
- (i) 611.00 sq.cm (ii) 593.00 sq.cm (iii) 616.00 sq.cm (iv) 634.00 sq.cm

30. If the area of a sector of a circle is 62.86 sq.cm and the length of the arc of the sector is 12.57 cm, the perimeter of the circle is



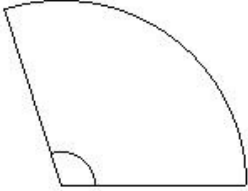
- (i) 57.86 cm (ii) 65.86 cm (iii) 67.86 cm (iv) 59.86 cm (v) 62.86 cm

31. If the area of a sector of a circle is 47.77 sq.cm and the area of the circle is 452.57 sq.cm, the radius of the circle is



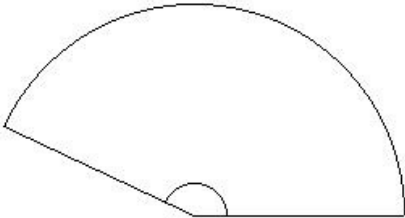
- (i) 17.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 9.00 cm (v) 12.00 cm

32. If the area of a sector of a circle is 114.09 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



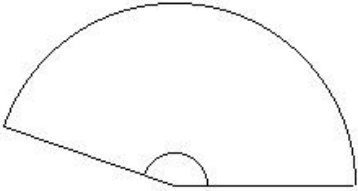
- (i) 83.00° (ii) 108.00° (iii) 106.00° (iv) 116.00° (v) 134.00°

33. If the area of a sector of a circle is 228.69 sq.cm and the area of the circle is 531.14 sq.cm, the length of the arc of the sector is



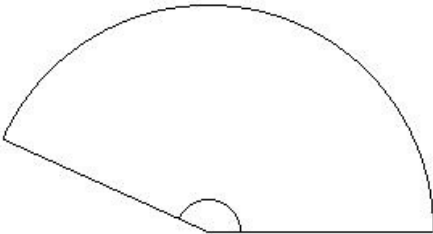
- (i) 38.18 cm (ii) 40.18 cm (iii) 35.18 cm (iv) 32.18 cm (v) 30.18 cm

34. If the area of a sector of a circle is 170.07 sq.cm and the area of the circle is 380.29 sq.cm, the perimeter of the sector is



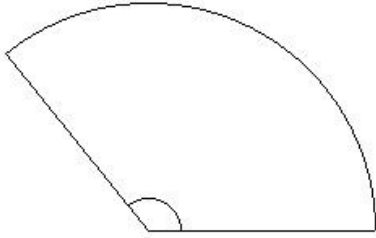
- (i) 55.92 cm (ii) 47.92 cm (iii) 57.92 cm (iv) 52.92 cm (v) 49.92 cm

35. If the area of a sector of a circle is 266.93 sq.cm and the area of the circle is 616.00 sq.cm, the perimeter of the circle is



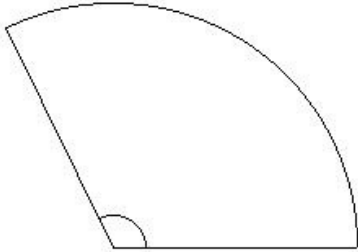
- (i) 91.00 cm (ii) 85.00 cm (iii) 83.00 cm (iv) 93.00 cm (v) 88.00 cm

36. If the length of the arc of a sector is 31.53 cm and the angle subtended at the center by the arc of the sector is 129.00° , the radius of the circle is



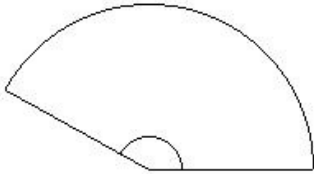
- (i) 14.00 cm (ii) 9.00 cm (iii) 11.00 cm (iv) 17.00 cm (v) 19.00 cm

37. If the length of the arc of a sector is 30.38 cm and the angle subtended at the center by the arc of the sector is 116.00° , the area of the sector is



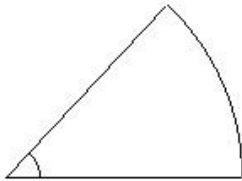
- (i) 225.86 sq.cm (ii) 254.86 sq.cm (iii) 240.86 sq.cm (iv) 213.86 sq.cm (v) 227.86 sq.cm

38. If the length of the arc of a sector is 26.37 cm and the angle subtended at the center by the arc of the sector is 151.00° , the perimeter of the sector is



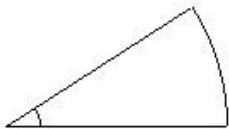
- (i) 51.37 cm (ii) 49.37 cm (iii) 46.37 cm (iv) 43.37 cm (v) 41.37 cm

39. If the length of the arc of a sector is 11.49 cm and the angle subtended at the center by the arc of the sector is 47.00° , the area of the circle is



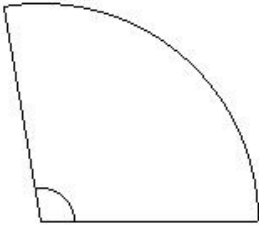
- (i) 621.00 sq.cm (ii) 589.00 sq.cm (iii) 616.00 sq.cm (iv) 604.00 sq.cm (v) 632.00 sq.cm

40. If the length of the arc of a sector is 7.49 cm and the angle subtended at the center by the arc of the sector is 33.00° , the perimeter of the circle is



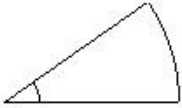
- (i) 84.71 cm (ii) 76.71 cm (iii) 78.71 cm (iv) 81.71 cm (v) 86.71 cm

41. If the length of the arc of a sector is 22.70 cm and the area of the circle is 531.14 sq.cm, the radius of the circle is



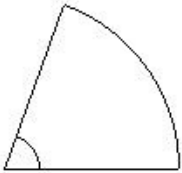
- (i) 10.00 cm (ii) 16.00 cm (iii) 8.00 cm (iv) 13.00 cm (v) 18.00 cm

42. If the length of the arc of a sector is 6.11 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



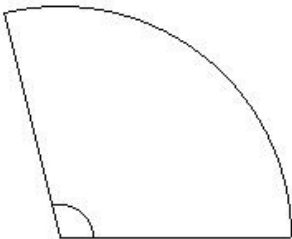
- (i) 40.00° (ii) 30.00° (iii) 38.00° (iv) 35.00° (v) 32.00°

43. If the length of the arc of a sector is 12.22 cm and the area of the circle is 314.29 sq.cm, the area of the sector is



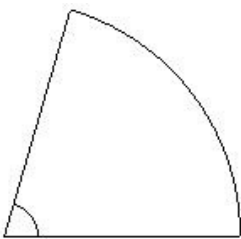
- (i) 58.11 sq.cm (ii) 66.11 sq.cm (iii) 64.11 sq.cm (iv) 56.11 sq.cm (v) 61.11 sq.cm

44. If the length of the arc of a sector is 25.42 cm and the area of the circle is 616.00 sq.cm, the perimeter of the sector is



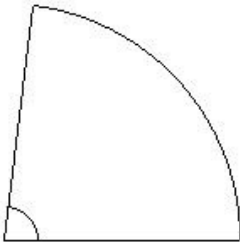
- (i) 50.42 cm (ii) 53.42 cm (iii) 58.42 cm (iv) 56.42 cm (v) 48.42 cm

45. If the length of the arc of a sector is 18.09 cm and the area of the circle is 616.00 sq.cm, the perimeter of the circle is



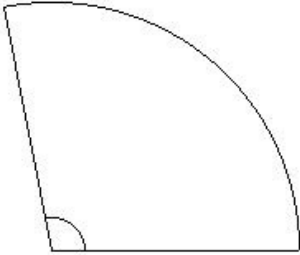
- (i) 83.00 cm (ii) 93.00 cm (iii) 88.00 cm (iv) 85.00 cm (v) 91.00 cm

46. If the length of the arc of a sector is 20.29 cm and the perimeter of the circle is 88.00 cm, the radius of the circle is



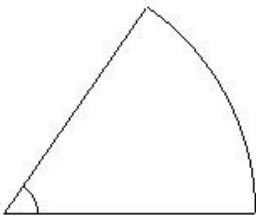
- (i) 17.00 cm (ii) 11.00 cm (iii) 19.00 cm (iv) 14.00 cm (v) 9.00 cm

47. If the length of the arc of a sector is 26.45 cm and the perimeter of the circle is 94.29 cm, the angle subtended at the center by the arc of the sector is



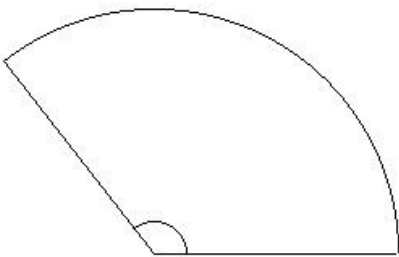
- (i) 101.00° (ii) 88.00° (iii) 117.00° (iv) 116.00° (v) 85.00°

48. If the length of the arc of a sector is 14.41 cm and the perimeter of the circle is 94.29 cm, the area of the sector is



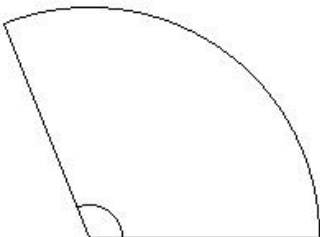
- (i) 108.04 sq.cm (ii) 100.04 sq.cm (iii) 112.04 sq.cm (iv) 85.04 sq.cm (v) 123.04 sq.cm

49. If the length of the arc of a sector is 33.53 cm and the perimeter of the circle is 94.29 cm, the perimeter of the sector is



- (i) 66.53 cm (ii) 58.53 cm (iii) 68.53 cm (iv) 63.53 cm (v) 60.53 cm

50. If the length of the arc of a sector is 27.38 cm and the perimeter of the circle is 88.00 cm, the area of the circle is



- (i) 629.00 sq.cm (ii) 634.00 sq.cm (iii) 591.00 sq.cm (iv) 614.00 sq.cm (v) 616.00 sq.cm

Assignment Key

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