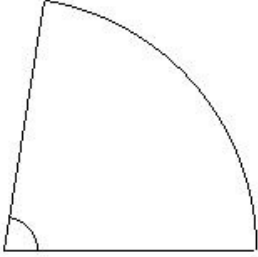


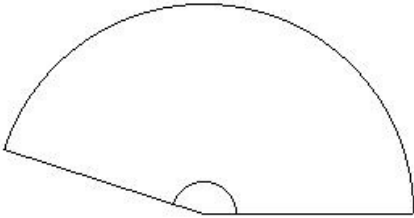


1. If the radius of a circle is 15.00 cm and the angle subtended at the center by the arc of a sector is 81.00° , the length of the arc of the sector is



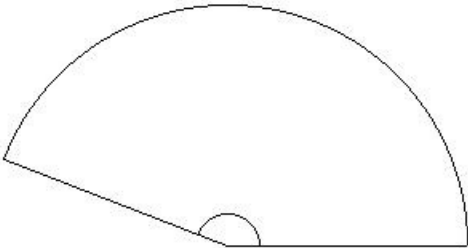
- (i) 21.22 cm (ii) 26.22 cm (iii) 24.22 cm (iv) 16.22 cm (v) 18.22 cm

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 162.00° , the area of the sector is



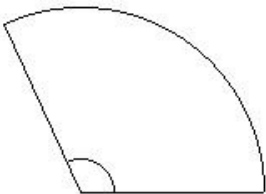
- (i) 227.01 sq.cm (ii) 239.01 sq.cm (iii) 244.01 sq.cm (iv) 253.01 sq.cm

3. If the radius of a circle is 15.00 cm and the angle subtended at the center by the arc of a sector is 159.00° , the perimeter of the sector is



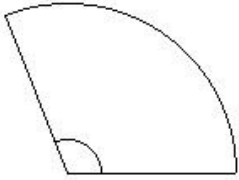
- (i) 76.64 cm (ii) 71.64 cm (iii) 66.64 cm (iv) 74.64 cm (v) 68.64 cm

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 115.00° , the area of the circle is



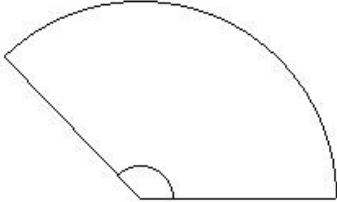
- (i) 380.29 sq.cm (ii) 393.29 sq.cm (iii) 387.29 sq.cm (iv) 368.29 sq.cm (v) 365.29 sq.cm

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 112.00° , the perimeter of the circle is



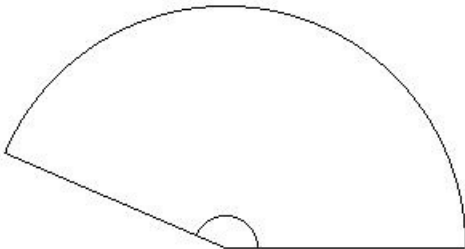
- (i) 67.86 cm (ii) 59.86 cm (iii) 65.86 cm (iv) 62.86 cm (v) 57.86 cm

6. If the radius of a circle is 12.00 cm and the length of the arc of a sector is 28.08 cm, the angle subtended at the center by the arc of the sector is



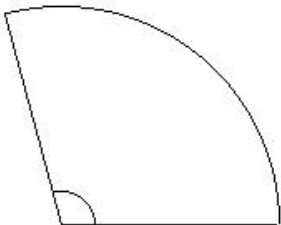
- (i) 134.00° (ii) 117.00° (iii) 118.00° (iv) 146.00° (v) 151.00°

7. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 41.12 cm, the area of the sector is



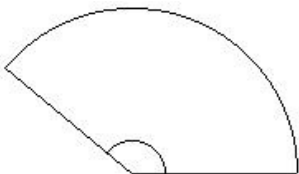
- (i) 295.39 sq.cm (ii) 308.39 sq.cm (iii) 312.39 sq.cm (iv) 323.39 sq.cm

8. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 23.83 cm, the perimeter of the sector is



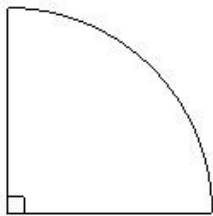
- (i) 44.83 cm (ii) 52.83 cm (iii) 49.83 cm (iv) 46.83 cm (v) 54.83 cm

9. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 24.45 cm, the area of the circle is



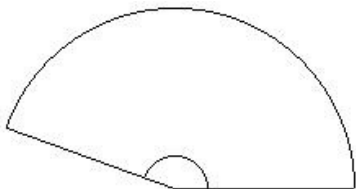
- (i) 314.29 sq.cm (ii) 298.29 sq.cm (iii) 316.29 sq.cm (iv) 297.29 sq.cm (v) 341.29 sq.cm

10. If the radius of a circle is 12.00 cm and the length of the arc of a sector is 18.86 cm, the perimeter of the circle is



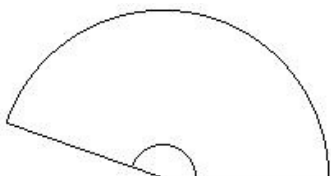
- (i) 75.43 cm (ii) 78.43 cm (iii) 72.43 cm (iv) 80.43 cm (v) 70.43 cm

11. If the radius of a circle is 11.00 cm and the area of a sector is 169.02 sq.cm, the angle subtended at the center by the arc of the sector is



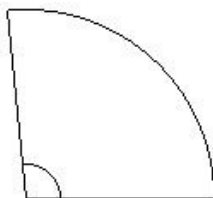
- (i) 134.00° (ii) 160.00° (iii) 167.00° (iv) 146.00° (v) 173.00°

12. If the radius of a circle is 10.00 cm and the area of a sector is 140.56 sq.cm, the length of the arc of the sector is



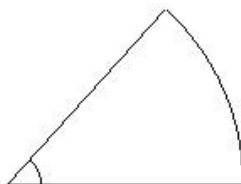
- (i) 33.11 cm (ii) 23.11 cm (iii) 25.11 cm (iv) 31.11 cm (v) 28.11 cm

13. If the radius of a circle is 11.00 cm and the area of a sector is 101.41 sq.cm, the perimeter of the sector is



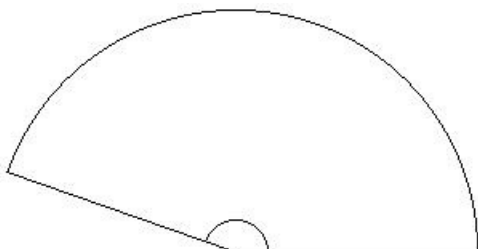
- (i) 37.44 cm (ii) 35.44 cm (iii) 45.44 cm (iv) 40.44 cm (v) 43.44 cm

14. If the radius of a circle is 14.00 cm and the area of a sector is 82.13 sq.cm, the area of the circle is



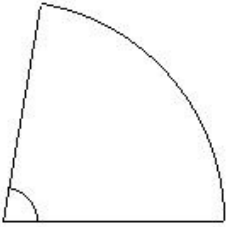
- (i) 594.00 sq.cm (ii) 602.00 sq.cm (iii) 616.00 sq.cm (iv) 628.00 sq.cm (v) 631.00 sq.cm

15. If the radius of a circle is 15.00 cm and the area of a sector is 316.25 sq.cm, the perimeter of the circle is



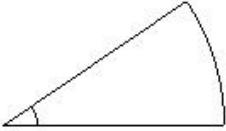
- (i) 99.29 cm (ii) 97.29 cm (iii) 94.29 cm (iv) 89.29 cm (v) 91.29 cm

16. If the radius of a circle is 13.00 cm and the perimeter of a sector is 44.16 cm, the angle subtended at the center by the arc of the sector is



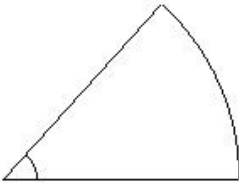
- (i) 77.00° (ii) 80.00° (iii) 85.00° (iv) 75.00° (v) 83.00°

17. If the radius of a circle is 13.00 cm and the perimeter of a sector is 33.72 cm, the length of the arc of the sector is



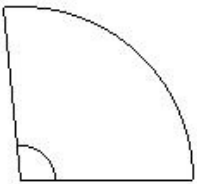
- (i) 5.72 cm (ii) 8.72 cm (iii) 9.72 cm (iv) 6.72 cm (v) 7.72 cm

18. If the radius of a circle is 14.00 cm and the perimeter of a sector is 39.73 cm, the area of the sector is



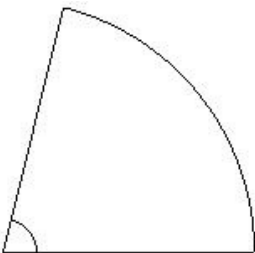
- (i) 82.13 sq.cm (ii) 87.13 sq.cm (iii) 85.13 sq.cm (iv) 79.13 sq.cm (v) 77.13 sq.cm

19. If the radius of a circle is 10.00 cm and the perimeter of a sector is 36.76 cm, the area of the circle is



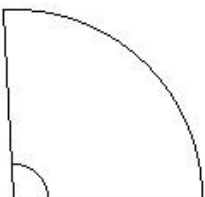
- (i) 308.29 sq.cm (ii) 337.29 sq.cm (iii) 319.29 sq.cm (iv) 314.29 sq.cm (v) 287.29 sq.cm

20. If the radius of a circle is 15.00 cm and the perimeter of a sector is 49.91 cm, the perimeter of the circle is



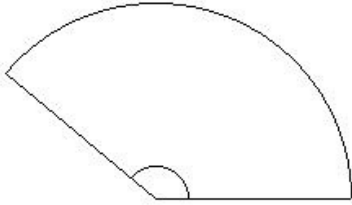
- (i) 97.29 cm (ii) 91.29 cm (iii) 94.29 cm (iv) 89.29 cm (v) 99.29 cm

21. If the area of a sector of a circle is 98.24 sq.cm and the angle subtended at the center by the arc of the sector is 93.00°, the radius of the circle is



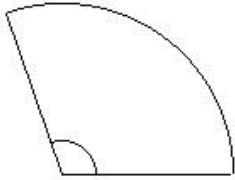
- (i) 14.00 cm (ii) 11.00 cm (iii) 16.00 cm (iv) 8.00 cm (v) 6.00 cm

22. If the area of a sector of a circle is 176.00 sq.cm and the angle subtended at the center by the arc of the sector is 140.00° , the length of the arc of the sector is



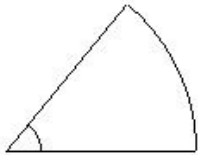
- (i) 34.33 cm (ii) 24.33 cm (iii) 29.33 cm (iv) 26.33 cm (v) 32.33 cm

23. If the area of a sector of a circle is 95.16 sq.cm and the angle subtended at the center by the arc of the sector is 109.00° , the perimeter of the sector is



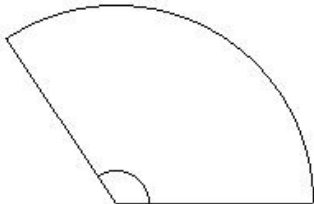
- (i) 36.03 cm (ii) 34.03 cm (iii) 44.03 cm (iv) 42.03 cm (v) 39.03 cm

24. If the area of a sector of a circle is 52.82 sq.cm and the angle subtended at the center by the arc of the sector is 50.00° , the area of the circle is



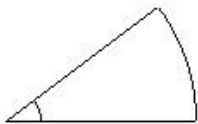
- (i) 380.29 sq.cm (ii) 376.29 sq.cm (iii) 402.29 sq.cm (iv) 357.29 sq.cm (v) 383.29 sq.cm

25. If the area of a sector of a circle is 155.89 sq.cm and the angle subtended at the center by the arc of the sector is 124.00° , the perimeter of the circle is



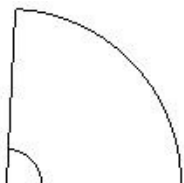
- (i) 70.43 cm (ii) 78.43 cm (iii) 80.43 cm (iv) 75.43 cm (v) 72.43 cm

26. If the area of a sector of a circle is 39.09 sq.cm and the length of the arc of the sector is 7.11 cm, the radius of the circle is



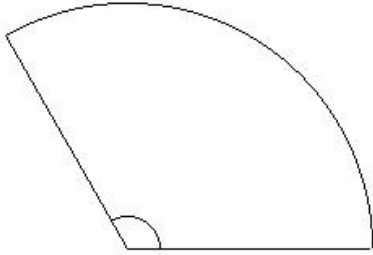
- (i) 14.00 cm (ii) 11.00 cm (iii) 6.00 cm (iv) 8.00 cm (v) 16.00 cm

27. If the area of a sector of a circle is 75.95 sq.cm and the length of the arc of the sector is 15.19 cm, the angle subtended at the center by the arc of the sector is



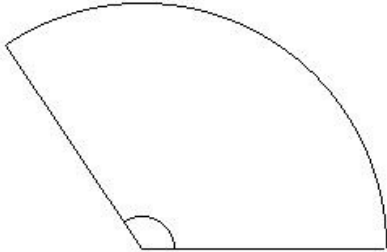
- (i) 92.00° (ii) 87.00° (iii) 82.00° (iv) 84.00° (v) 90.00°

28. If the area of a sector of a circle is 235.71 sq.cm and the length of the arc of the sector is 31.43 cm, the perimeter of the sector is



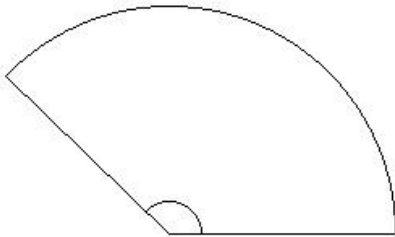
- (i) 56.43 cm (ii) 64.43 cm (iii) 58.43 cm (iv) 61.43 cm (v) 66.43 cm

29. If the area of a sector of a circle is 243.57 sq.cm and the length of the arc of the sector is 32.48 cm, the area of the circle is



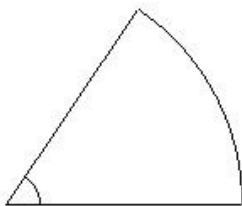
- (i) 690.14 sq.cm (ii) 723.14 sq.cm (iii) 682.14 sq.cm (iv) 707.14 sq.cm (v) 719.14 sq.cm

30. If the area of a sector of a circle is 232.71 sq.cm and the length of the arc of the sector is 33.24 cm, the perimeter of the circle is



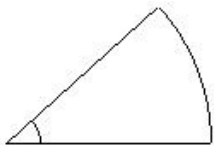
- (i) 85.00 cm (ii) 83.00 cm (iii) 91.00 cm (iv) 93.00 cm (v) 88.00 cm

31. If the area of a sector of a circle is 95.82 sq.cm and the area of the circle is 616.00 sq.cm, the radius of the circle is



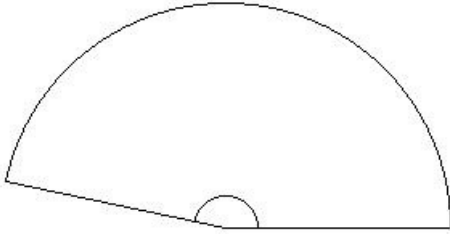
- (i) 11.00 cm (ii) 9.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 17.00 cm

32. If the area of a sector of a circle is 52.80 sq.cm and the area of the circle is 452.57 sq.cm, the angle subtended at the center by the arc of the sector is



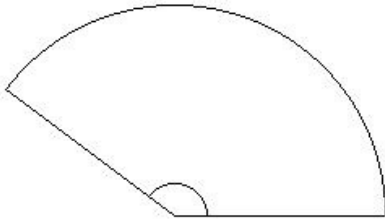
- (i) 37.00° (ii) 42.00° (iii) 39.00° (iv) 47.00° (v) 45.00°

33. If the area of a sector of a circle is 287.47 sq.cm and the area of the circle is 616.00 sq.cm, the length of the arc of the sector is



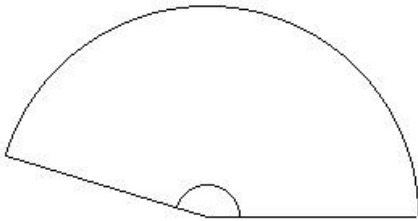
- (i) 36.07 cm (ii) 46.07 cm (iii) 41.07 cm (iv) 44.07 cm (v) 38.07 cm

34. If the area of a sector of a circle is 210.98 sq.cm and the area of the circle is 531.14 sq.cm, the perimeter of the sector is



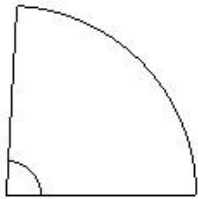
- (i) 53.46 cm (ii) 61.46 cm (iii) 55.46 cm (iv) 58.46 cm (v) 63.46 cm

35. If the area of a sector of a circle is 240.49 sq.cm and the area of the circle is 531.14 sq.cm, the perimeter of the circle is



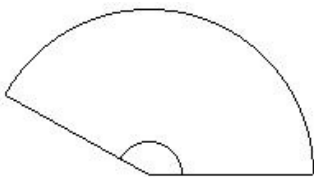
- (i) 84.71 cm (ii) 81.71 cm (iii) 76.71 cm (iv) 78.71 cm (v) 86.71 cm

36. If the length of the arc of a sector is 16.71 cm and the angle subtended at the center by the arc of the sector is 87.00° , the radius of the circle is



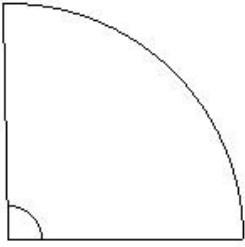
- (i) 14.00 cm (ii) 11.00 cm (iii) 16.00 cm (iv) 6.00 cm (v) 8.00 cm

37. 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 area of the sector is



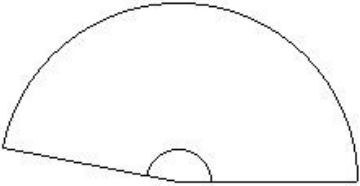
- (i) 131.83 sq.cm (ii) 123.83 sq.cm (iii) 134.83 sq.cm (iv) 107.83 sq.cm (v) 156.83 sq.cm

38. If the length of the arc of a sector is 22.24 cm and the angle subtended at the center by the arc of the sector is 91.00° , the perimeter of the sector is



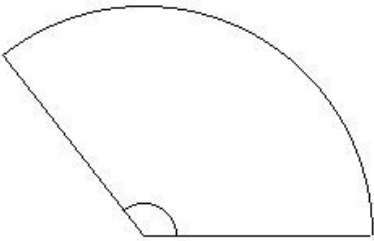
- (i) 50.24 cm (ii) 53.24 cm (iii) 47.24 cm (iv) 55.24 cm (v) 45.24 cm

39. If the length of the arc of a sector is 32.46 cm and the angle subtended at the center by the arc of the sector is 169.00° , the perimeter of the circle is



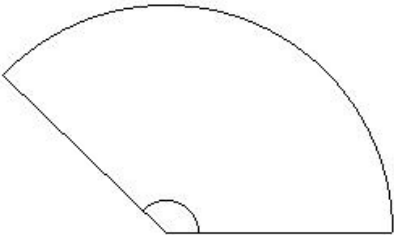
- (i) 69.14 cm (ii) 72.14 cm (iii) 64.14 cm (iv) 74.14 cm (v) 66.14 cm

40. If the length of the arc of a sector is 31.29 cm and the area of the circle is 616.00 sq.cm, the radius of the circle is



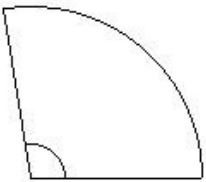
- (i) 17.00 cm (ii) 19.00 cm (iii) 11.00 cm (iv) 14.00 cm (v) 9.00 cm

41. If the length of the arc of a sector is 33.24 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



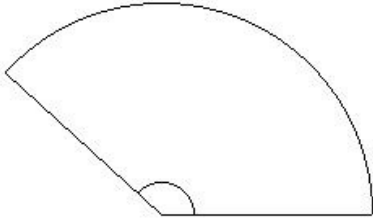
- (i) 164.00° (ii) 136.00° (iii) 122.00° (iv) 141.00°

42. If the length of the arc of a sector is 17.29 cm and the area of the circle is 314.29 sq.cm, the area of the sector is



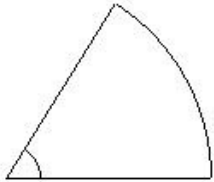
- (i) 86.43 sq.cm (ii) 81.43 sq.cm (iii) 83.43 sq.cm (iv) 91.43 sq.cm (v) 89.43 sq.cm

43. If the length of the arc of a sector is 31.32 cm and the area of the circle is 531.14 sq.cm, the perimeter of the sector is



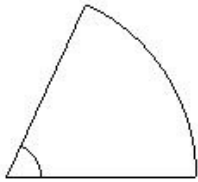
- (i) 62.32 cm (ii) 60.32 cm (iii) 52.32 cm (iv) 54.32 cm (v) 57.32 cm

44. If the length of the arc of a sector is 12.15 cm and the area of the circle is 452.57 sq.cm, the perimeter of the circle is



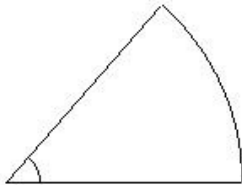
- (i) 78.43 cm (ii) 80.43 cm (iii) 75.43 cm (iv) 70.43 cm (v) 72.43 cm

45. If the length of the arc of a sector is 12.48 cm and the perimeter of the circle is 69.14 cm, the radius of the circle is



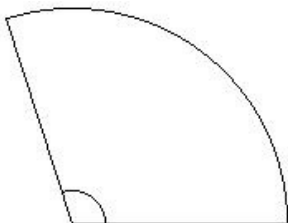
- (i) 8.00 cm (ii) 14.00 cm (iii) 16.00 cm (iv) 11.00 cm (v) 6.00 cm

46. If the length of the arc of a sector is 11.98 cm and the perimeter of the circle is 88.00 cm, the angle subtended at the center by the arc of the sector is



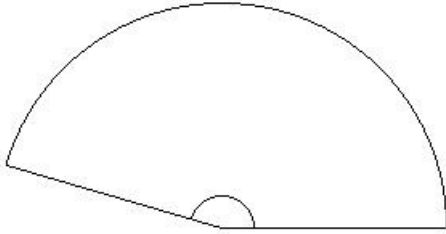
- (i) 46.00° (ii) 49.00° (iii) 52.00° (iv) 44.00° (v) 54.00°

47. If the length of the arc of a sector is 24.51 cm and the perimeter of the circle is 81.71 cm, the area of the sector is



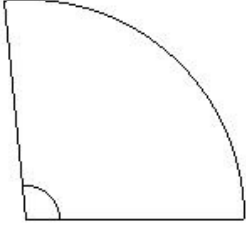
- (i) 142.34 sq.cm (ii) 159.34 sq.cm (iii) 177.34 sq.cm (iv) 134.34 sq.cm (v) 181.34 sq.cm

48. If the length of the arc of a sector is 40.09 cm and the perimeter of the circle is 88.00 cm, the perimeter of the sector is



- (i) 71.09 cm (ii) 65.09 cm (iii) 73.09 cm (iv) 68.09 cm (v) 63.09 cm

49. If the length of the arc of a sector is 21.79 cm and the perimeter of the circle is 81.71 cm, the area of the circle is



- (i) 504.14 sq.cm (ii) 533.14 sq.cm (iii) 555.14 sq.cm (iv) 526.14 sq.cm (v) 531.14 sq.cm

Assignment Key

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