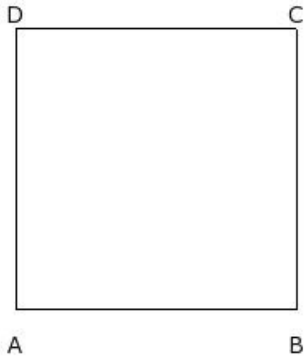
EduSahara™ Assignment

Name : Area of Plane Figures

Chapter : Perimeter and Area of Plane Figures

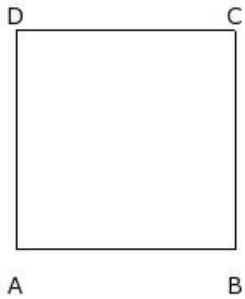
Grade : ICSE Grade VI

1. If the side of a square is 17.00 cm, the area of the square =



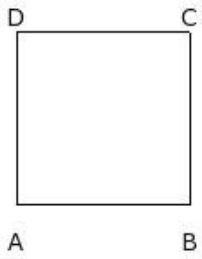
(i) 271.00 sq.cm (ii) 267.00 sq.cm (iii) 305.00 sq.cm (iv) 304.00 sq.cm (v) 289.00 sq.cm

2. If the perimeter of a square is 52.00 cm, the area of the square =



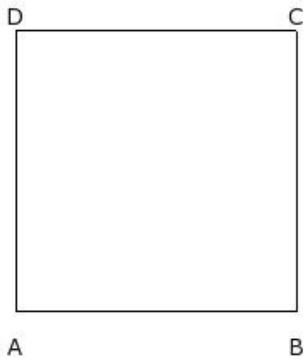
(i) 162.00 sq.cm (ii) 196.00 sq.cm (iii) 169.00 sq.cm (iv) 141.00 sq.cm (v) 174.00 sq.cm

3. If the area of a square is 100.00 sq.cm, the side of the square =



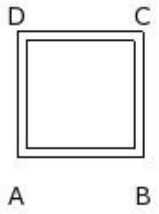
(i) 7.00 cm (ii) 15.00 cm (iii) 13.00 cm (iv) 5.00 cm (v) 10.00 cm

4. If the area of a square is 289.00 sq.cm, the perimeter of the square =



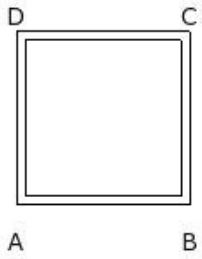
(i) 68.00 cm (ii) 73.00 cm (iii) 71.00 cm (iv) 63.00 cm (v) 65.00 cm

5. If the outer and inner sides of a square path are 7.00 cm and 6.00 cm respectively, the area of the square path =



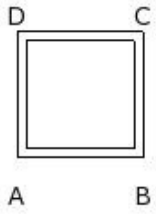
(i) 18.00 sq.cm (ii) 8.00 sq.cm (iii) 16.00 sq.cm (iv) 13.00 sq.cm (v) 10.00 sq.cm

6. If the width of a square path is 0.50 cm and inner side is 9.00 cm, the area of the square path =



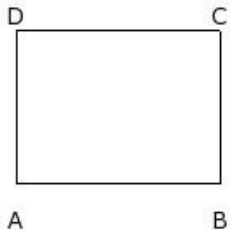
(i) 22.00 sq.cm (ii) 19.00 sq.cm (iii) 16.00 sq.cm (iv) 24.00 sq.cm (v) 14.00 sq.cm

7. If the width of a square path is 0.50 cm and outer side is 7.00 cm, the area of the square path =



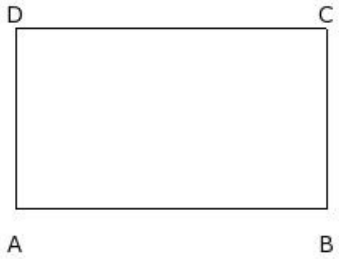
(i) 10.00 sq.cm (ii) 18.00 sq.cm (iii) 16.00 sq.cm (iv) 13.00 sq.cm (v) 8.00 sq.cm

8. If the length and breadth of a rectangle are 12.00 cm and 9.00 cm respectively, the area of the rectangle =



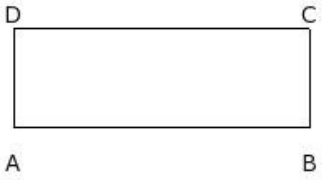
(i) 130.00 sq.cm (ii) 96.00 sq.cm (iii) 125.00 sq.cm (iv) 108.00 sq.cm (v) 93.00 sq.cm

9. If the length and perimeter of a rectangle are 19.00 cm and 60.00 cm respectively, the area of the rectangle =



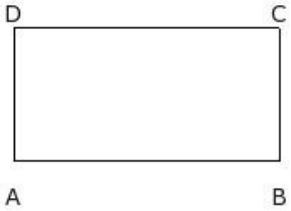
(i) 203.00 sq.cm (ii) 209.00 sq.cm (iii) 181.00 sq.cm (iv) 222.00 sq.cm (v) 223.00 sq.cm

10. If the length and area of a rectangle are 18.00 cm and 108.00 sq.cm respectively, the breadth of the rectangle =



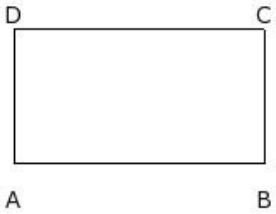
(i) 6.00 cm (ii) 5.00 cm (iii) 4.00 cm (iv) 8.00 cm (v) 7.00 cm

11. If the length and area of a rectangle are 16.00 cm and 128.00 sq.cm respectively, the perimeter of the rectangle =



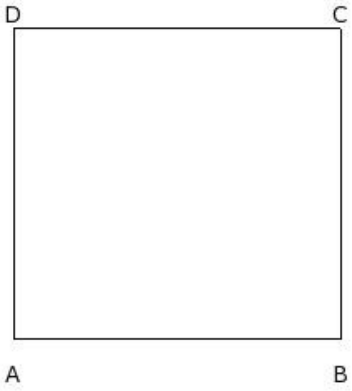
(i) 51.00 cm (ii) 43.00 cm (iii) 45.00 cm (iv) 48.00 cm (v) 53.00 cm

12. If the breadth and perimeter of a rectangle are 8.00 cm and 46.00 cm respectively, the length of the rectangle =



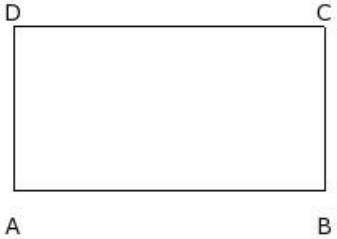
(i) 10.00 cm (ii) 18.00 cm (iii) 20.00 cm (iv) 12.00 cm (v) 15.00 cm

13. If the breadth and perimeter of a rectangle are 19.00 cm and 78.00 cm respectively, the area of the rectangle =



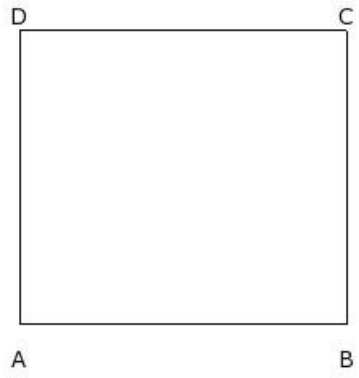
(i) 380.00 sq.cm (ii) 406.00 sq.cm (iii) 357.00 sq.cm (iv) 374.00 sq.cm (v) 398.00 sq.cm

14. If the breadth and area of a rectangle are 10.00 cm and 190.00 sq.cm respectively, the length of the rectangle =



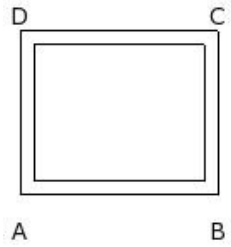
(i) 24.00 cm (ii) 19.00 cm (iii) 16.00 cm (iv) 22.00 cm (v) 14.00 cm

15. If the breadth and area of a rectangle are 18.00 cm and 360.00 sq.cm respectively, the perimeter of the rectangle =



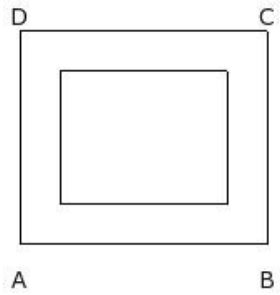
(i) 76.00 cm (ii) 79.00 cm (iii) 73.00 cm (iv) 81.00 cm (v) 71.00 cm

16. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 10.00 cm, 8.00 cm, 11.60 cm and 9.60 cm respectively, the width of the rectangular path =



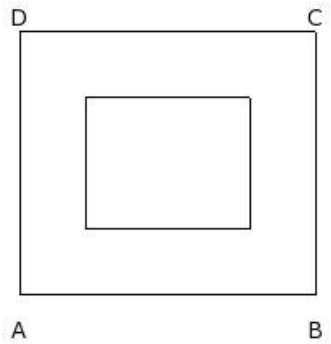
(i) 8.80 cm (ii) 0.80 cm (iii) 1.80 cm (iv) 7.80 cm (v) 2.80 cm

17. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 10.00 cm, 8.00 cm, 14.80 cm and 12.80 cm respectively, the area of the rectangular path =



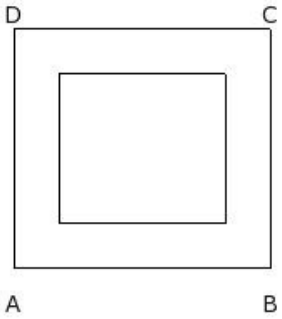
(i) 82.44 sq.cm (ii) 113.44 sq.cm (iii) 109.44 sq.cm (iv) 107.44 sq.cm (v) 133.44 sq.cm

18. If the inner length, inner breadth and width of a rectangular path are 10.00 cm, 8.00 cm and 4.00 cm respectively, the area of the rectangular path =



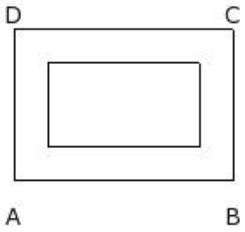
(i) 221.00 sq.cm (ii) 235.00 sq.cm (iii) 208.00 sq.cm (iv) 196.00 sq.cm

19. If the outer length, outer breadth and width of a rectangular path are 15.40 cm, 14.40 cm and 2.70 cm respectively, the area of the rectangular path =



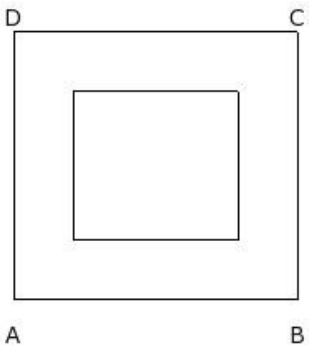
(i) 119.76 sq.cm (ii) 145.76 sq.cm (iii) 118.76 sq.cm (iv) 149.76 sq.cm (v) 131.76 sq.cm

20. If the inner length, outer breadth and width of a rectangular path are 9.00 cm, 9.00 cm and 2.00 cm respectively, the area of the rectangular path =



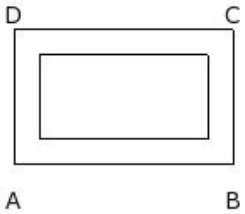
(i) 72.00 sq.cm (ii) 69.00 sq.cm (iii) 75.00 sq.cm (iv) 77.00 sq.cm (v) 67.00 sq.cm

21. If the outer length, inner breadth and width of a rectangular path are 17.20 cm, 9.00 cm and 3.60 cm respectively, the area of the rectangular path =



(i) 201.64 sq.cm (ii) 182.64 sq.cm (iii) 188.64 sq.cm (iv) 160.64 sq.cm

22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 8.00 cm and 50.00 sq.cm respectively, the area of the rectangular path =



(i) 59.00 sq.cm (ii) 49.00 sq.cm (iii) 54.00 sq.cm (iv) 57.00 sq.cm (v) 51.00 sq.cm

23. 106716.6072 sq.mm =

(i) 1067.16607 sq.cm (ii) 1068.16607 sq.cm (iii) 1069.16607 sq.cm (iv) 1066.16607 sq.cm

(v) 1065.16607 sq.cm

24. 16.9128 sq.cm =

(i) 1692.28000 sq.mm (ii) 1693.28000 sq.mm (iii) 1689.28000 sq.mm (iv) 1690.28000 sq.mm

(v) 1691.28000 sq.mm

25. 54241.9969 sq.cm =

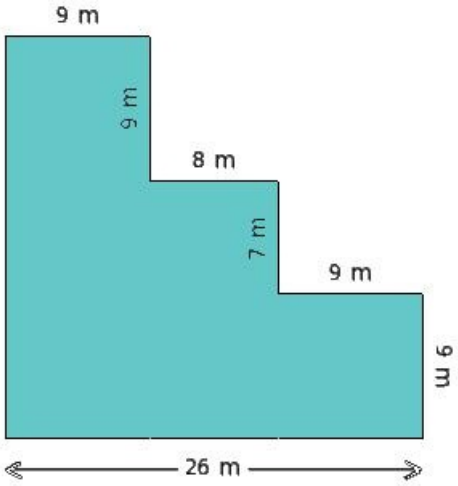
(i) 7.42420 sq.m (ii) 6.42420 sq.m (iii) 4.42420 sq.m (iv) 5.42420 sq.m (v) 3.42420 sq.m

26. 0.0110 sq.m =

(i) 111.00000 sq.cm (ii) 108.00000 sq.cm (iii) 110.00000 sq.cm (iv) 112.00000 sq.cm

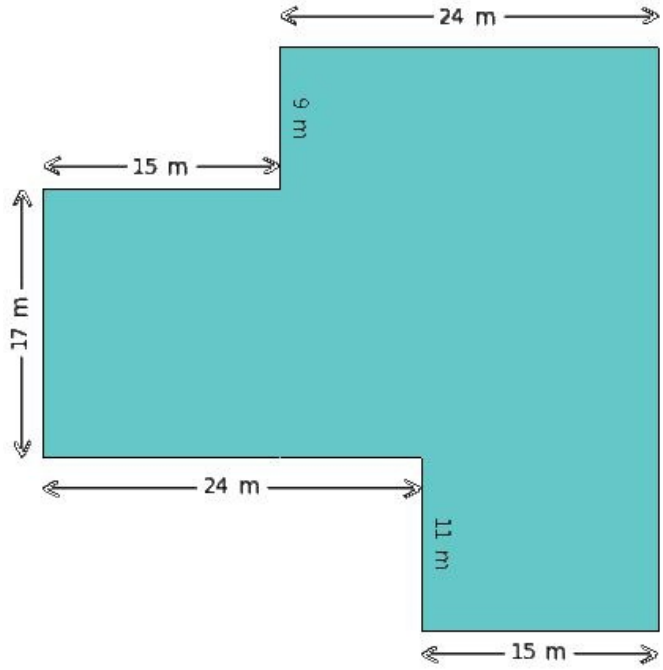
(v) 109.00000 sq.cm

27. Find the area of the shaded region given below



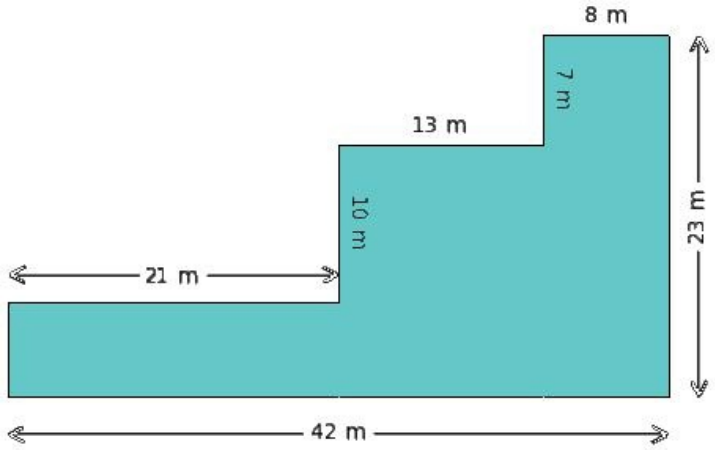
(i) 411.00 sq.m (ii) 451.00 sq.m (iii) 434.00 sq.m (iv) 458.00 sq.m (v) 430.00 sq.m

28. Find the area of the shaded region given below



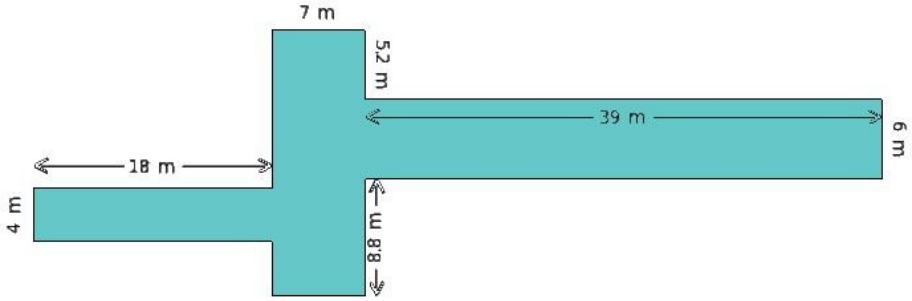
(i) 1014.00 sq.m (ii) 1114.00 sq.m (iii) 1264.00 sq.m (iv) 894.00 sq.m (v) 1044.00 sq.m

29. Find the area of the shaded region given below



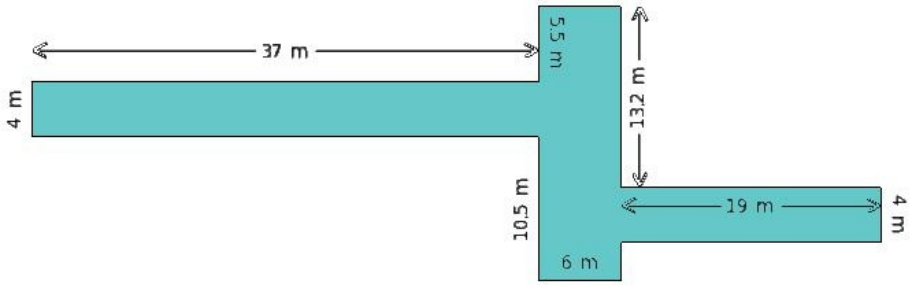
(i) 493.00 sq.m (ii) 518.00 sq.m (iii) 532.00 sq.m (iv) 506.00 sq.m (v) 535.00 sq.m

30. Find the area of the shaded region given below



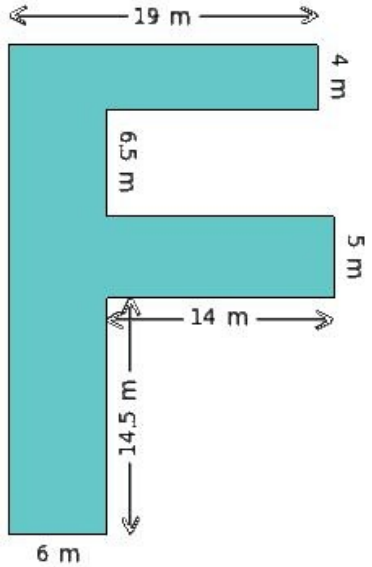
(i) 452.00 sq.m (ii) 443.00 sq.m (iii) 446.00 sq.m (iv) 423.00 sq.m (v) 468.00 sq.m

31. Find the area of the shaded region given below



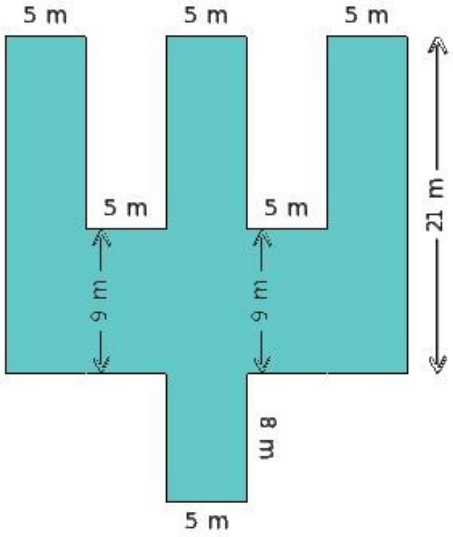
(i) 344.00 sq.m (ii) 341.00 sq.m (iii) 359.00 sq.m (iv) 366.00 sq.m (v) 327.00 sq.m

32. Find the area of the shaded region given below



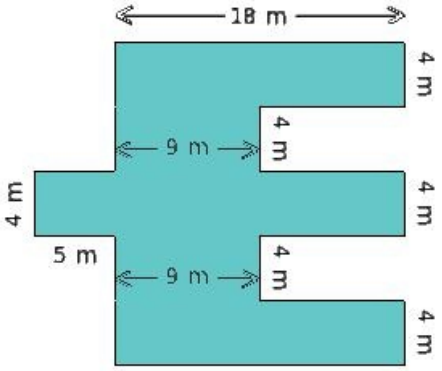
(i) 329.00 sq.m (ii) 285.00 sq.m (iii) 290.00 sq.m (iv) 317.00 sq.m (v) 302.00 sq.m

33. Find the area of the shaded region given below



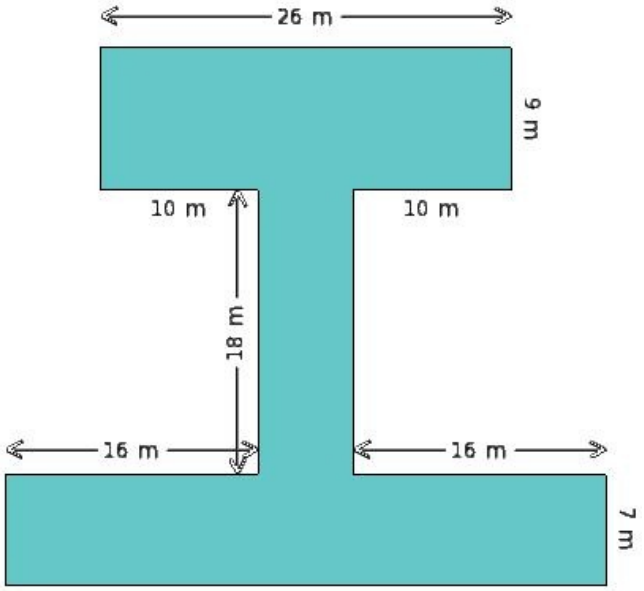
(i) 422.00 sq.m (ii) 473.00 sq.m (iii) 445.00 sq.m (iv) 441.00 sq.m (v) 462.00 sq.m

34. Find the area of the shaded region given below



(i) 326.00 sq.m (ii) 333.00 sq.m (iii) 308.00 sq.m (iv) 296.00 sq.m (v) 294.00 sq.m

35. Find the area of the shaded region given below



(i) 591.00 sq.m (ii) 583.00 sq.m (iii) 624.00 sq.m (iv) 608.00 sq.m

Assignment Key

1) (v)	2) (iii)	3) (v)	4) (i)	5) (iv)	6) (ii)
7) (iv)	8) (iv)	9) (ii)	10) (i)	11) (iv)	12) (v)
13) (i)	14) (ii)	15) (i)	16) (ii)	17) (iii)	18) (iii)
19) (v)	20) (i)	21) (iii)	22) (iii)	23) (i)	24) (v)
25) (iv)	26) (iii)	27) (iii)	28) (v)	29) (ii)	30) (iii)
31) (i)	32) (v)	33) (iii)	34) (iii)	35) (iv)	