EduSahara™ Assignment

Name : Area of Plane Figures

Chapter : Perimeter and Area of Plane Figures

Grade : ICSE Grade VI

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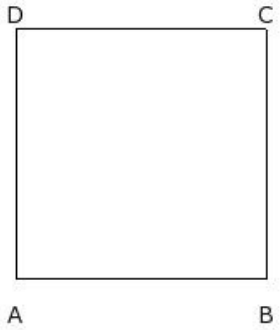
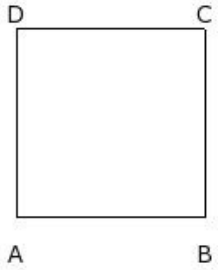
1. If the side of a square is 15.00 cm, the area of the square =



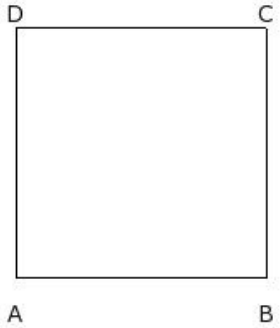
(i) 238.00 sq.cm (ii) 237.00 sq.cm (iii) 198.00 sq.cm (iv) 210.00 sq.cm (v) 225.00 sq.cm

2. If the perimeter of a square is 44.00 cm, the area of the square =



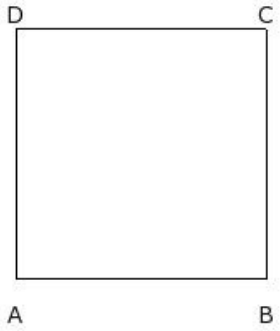
(i) 99.00 sq.cm (ii) 146.00 sq.cm (iii) 134.00 sq.cm (iv) 121.00 sq.cm (v) 117.00 sq.cm

3. If the area of a square is 225.00 sq.cm, the side of the square =



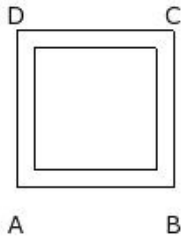
(i) 18.00 cm (ii) 10.00 cm (iii) 15.00 cm (iv) 12.00 cm (v) 20.00 cm

4. If the area of a square is 225.00 sq.cm, the perimeter of the square =



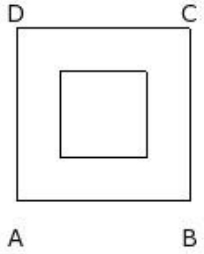
(i) 57.00 cm (ii) 60.00 cm (iii) 55.00 cm (iv) 65.00 cm (v) 63.00 cm

5. If the outer and inner sides of a square path are 9.00 cm and 7.00 cm respectively, the area of the square path =



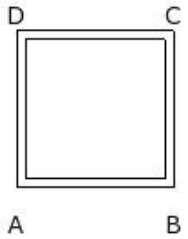
(i) 35.00 sq.cm (ii) 37.00 sq.cm (iii) 29.00 sq.cm (iv) 32.00 sq.cm (v) 27.00 sq.cm

6. If the width of a square path is 2.50 cm and inner side is 5.00 cm, the area of the square path =



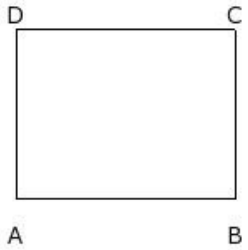
(i) 72.00 sq.cm (ii) 78.00 sq.cm (iii) 80.00 sq.cm (iv) 70.00 sq.cm (v) 75.00 sq.cm

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



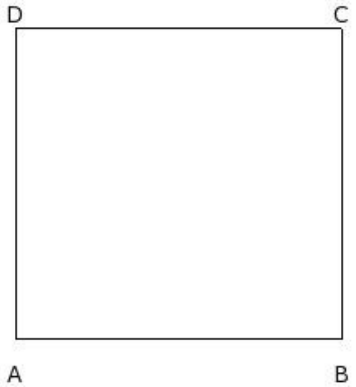
(i) 22.00 sq.cm (ii) 17.00 sq.cm (iii) 20.00 sq.cm (iv) 14.00 sq.cm (v) 12.00 sq.cm

8. If the length and breadth of a rectangle are 13.00 cm and 10.00 cm respectively, the area of the rectangle =



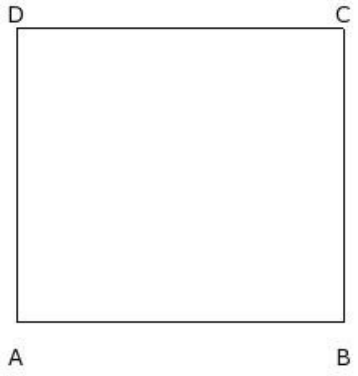
(i) 117.00 sq.cm (ii) 145.00 sq.cm (iii) 128.00 sq.cm (iv) 148.00 sq.cm (v) 130.00 sq.cm

9. If the length and perimeter of a rectangle are 20.00 cm and 78.00 cm respectively, the area of the rectangle =



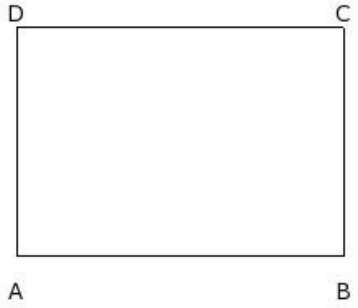
(i) 373.00 sq.cm (ii) 382.00 sq.cm (iii) 404.00 sq.cm (iv) 380.00 sq.cm (v) 367.00 sq.cm

10. If the length and area of a rectangle are 20.00 cm and 360.00 sq.cm respectively, the breadth of the rectangle =



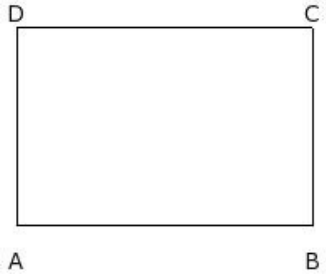
(i) 15.00 cm (ii) 23.00 cm (iii) 13.00 cm (iv) 21.00 cm (v) 18.00 cm

11. If the length and area of a rectangle are 20.00 cm and 280.00 sq.cm respectively, the perimeter of the rectangle =



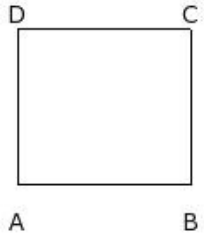
(i) 65.00 cm (ii) 73.00 cm (iii) 63.00 cm (iv) 71.00 cm (v) 68.00 cm

12. If the breadth and perimeter of a rectangle are 12.00 cm and 60.00 cm respectively, the length of the rectangle =



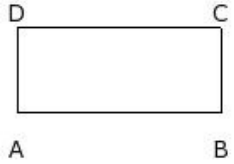
(i) 13.00 cm (ii) 21.00 cm (iii) 15.00 cm (iv) 23.00 cm (v) 18.00 cm

13. If the breadth and perimeter of a rectangle are 9.00 cm and 38.00 cm respectively, the area of the rectangle =



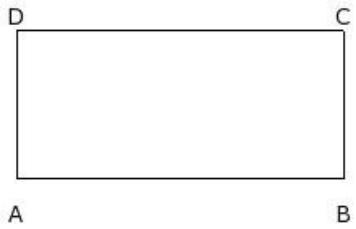
(i) 90.00 sq.cm (ii) 95.00 sq.cm (iii) 87.00 sq.cm (iv) 85.00 sq.cm (v) 93.00 sq.cm

14. If the breadth and area of a rectangle are 5.00 cm and 60.00 sq.cm respectively, the length of the rectangle =



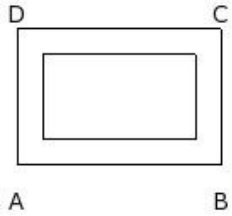
(i) 15.00 cm (ii) 12.00 cm (iii) 7.00 cm (iv) 17.00 cm (v) 9.00 cm

15. If the breadth and area of a rectangle are 9.00 cm and 180.00 sq.cm respectively, the perimeter of the rectangle =



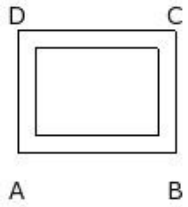
(i) 55.00 cm (ii) 58.00 cm (iii) 61.00 cm (iv) 63.00 cm (v) 53.00 cm

16. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 9.00 cm, 5.00 cm, 12.00 cm and 8.00 cm respectively, the width of the rectangular path =



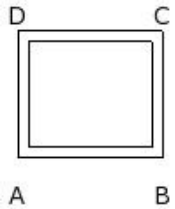
(i) 1.50 cm (ii) 0.50 cm (iii) 9.50 cm (iv) 3.50 cm (v) 2.50 cm

17. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 7.00 cm, 5.00 cm, 9.00 cm and 7.00 cm respectively, the area of the rectangular path =



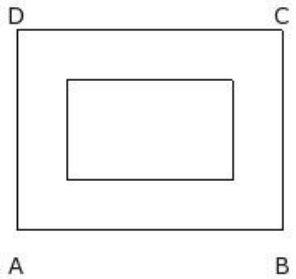
(i) 33.00 sq.cm (ii) 25.00 sq.cm (iii) 23.00 sq.cm (iv) 28.00 sq.cm (v) 31.00 sq.cm

18. If the inner length, inner breadth and width of a rectangular path are 7.00 cm, 6.00 cm and 0.60 cm respectively, the area of the rectangular path =



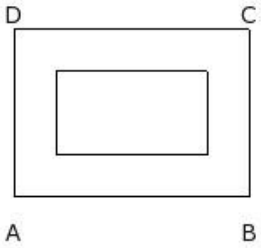
(i) 22.04 sq.cm (ii) 12.04 sq.cm (iii) 17.04 sq.cm (iv) 14.04 sq.cm (v) 20.04 sq.cm

19. If the outer length, outer breadth and width of a rectangular path are 16.00 cm, 12.00 cm and 3.00 cm respectively, the area of the rectangular path =



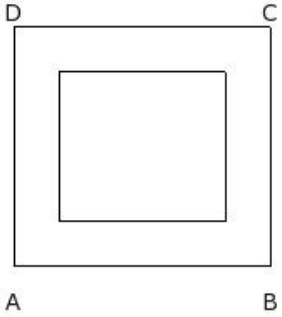
(i) 107.00 sq.cm (ii) 132.00 sq.cm (iii) 146.00 sq.cm (iv) 145.00 sq.cm (v) 130.00 sq.cm

20. If the inner length, outer breadth and width of a rectangular path are 9.00 cm, 10.00 cm and 2.50 cm respectively, the area of the rectangular path =



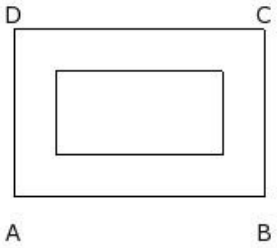
(i) 98.00 sq.cm (ii) 90.00 sq.cm (iii) 100.00 sq.cm (iv) 92.00 sq.cm (v) 95.00 sq.cm

21. If the outer length, inner breadth and width of a rectangular path are 15.40 cm, 9.00 cm and 2.70 cm respectively, the area of the rectangular path =



(i) 107.76 sq.cm (ii) 118.76 sq.cm (iii) 134.76 sq.cm (iv) 131.76 sq.cm (v) 143.76 sq.cm

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



(i) 78.00 sq.cm (ii) 95.00 sq.cm (iii) 100.00 sq.cm (iv) 107.00 sq.cm (v) 114.00 sq.cm

23. 376260.3292 sq.mm =

(i) 3763.60329 sq.cm (ii) 3762.60329 sq.cm (iii) 3760.60329 sq.cm (iv) 3764.60329 sq.cm

(v) 3761.60329 sq.cm

24. 55.6738 sq.cm =

(i) 5569.38000 sq.mm (ii) 5566.38000 sq.mm (iii) 5568.38000 sq.mm (iv) 5565.38000 sq.mm

(v) 5567.38000 sq.mm

25. 143362.3932 sq.cm =

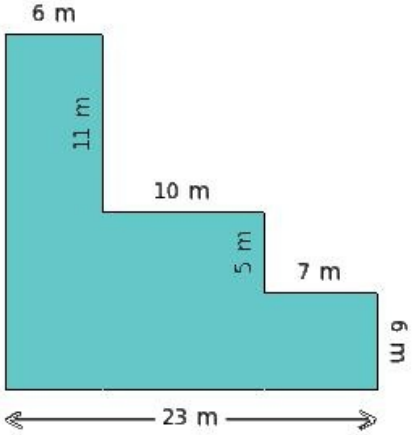
(i) 16.33624 sq.m (ii) 13.33624 sq.m (iii) 14.33624 sq.m (iv) 15.33624 sq.m (v) 12.33624 sq.m

26. 0.0986 sq.m =

(i) 985.00000 sq.cm (ii) 988.00000 sq.cm (iii) 984.00000 sq.cm (iv) 987.00000 sq.cm

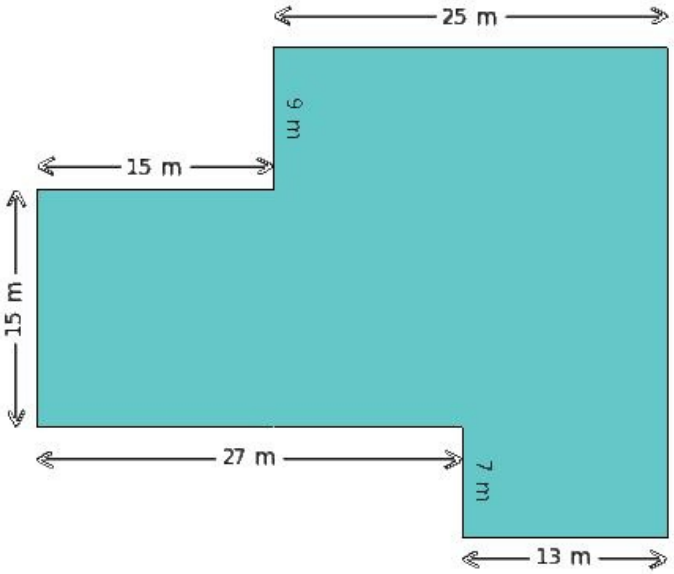
(v) 986.00000 sq.cm

27. Find the area of the shaded region given below



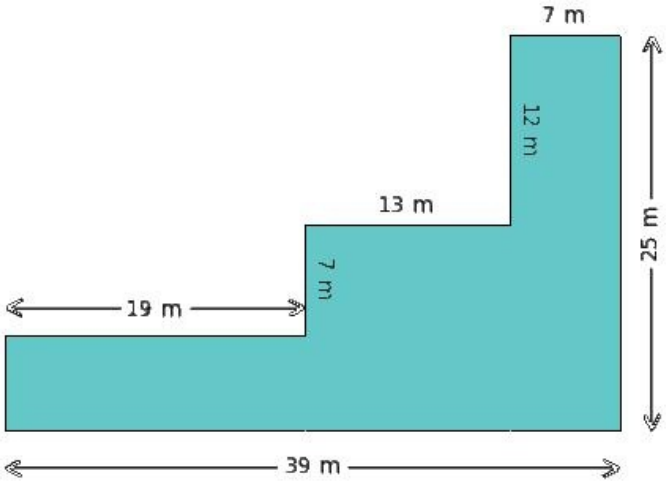
(i) 270.00 sq.m (ii) 302.00 sq.m (iii) 282.00 sq.m (iv) 287.00 sq.m (v) 284.00 sq.m

28. Find the area of the shaded region given below



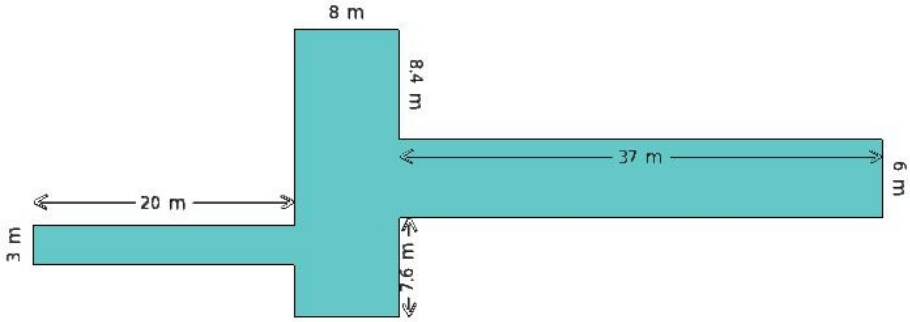
(i) 943.00 sq.m (ii) 916.00 sq.m (iii) 903.00 sq.m (iv) 924.00 sq.m (v) 892.00 sq.m

29. Find the area of the shaded region given below



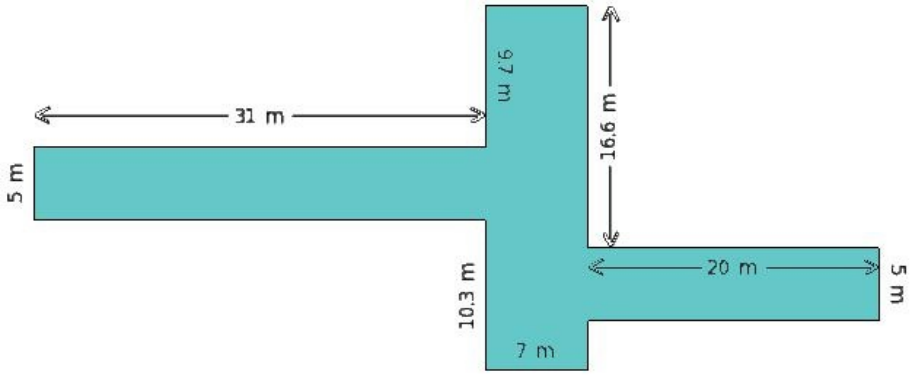
(i) 458.00 sq.m (ii) 455.00 sq.m (iii) 441.00 sq.m (iv) 484.00 sq.m (v) 473.00 sq.m

30. Find the area of the shaded region given below



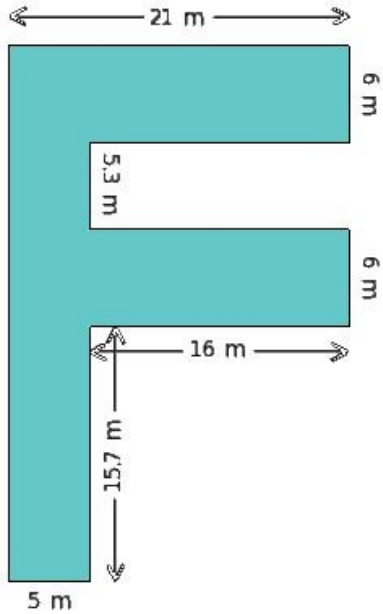
(i) 470.00 sq.m (ii) 471.00 sq.m (iii) 458.00 sq.m (iv) 444.00 sq.m (v) 433.00 sq.m

31. Find the area of the shaded region given below



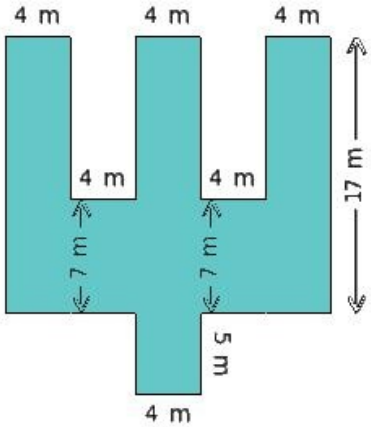
(i) 447.00 sq.m (ii) 418.00 sq.m (iii) 430.00 sq.m (iv) 414.00 sq.m (v) 446.00 sq.m

32. Find the area of the shaded region given below



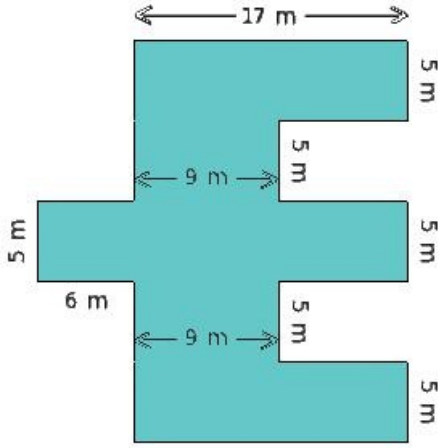
(i) 379.00 sq.m (ii) 357.00 sq.m (iii) 340.00 sq.m (iv) 363.00 sq.m (v) 354.00 sq.m

33. Find the area of the shaded region given below



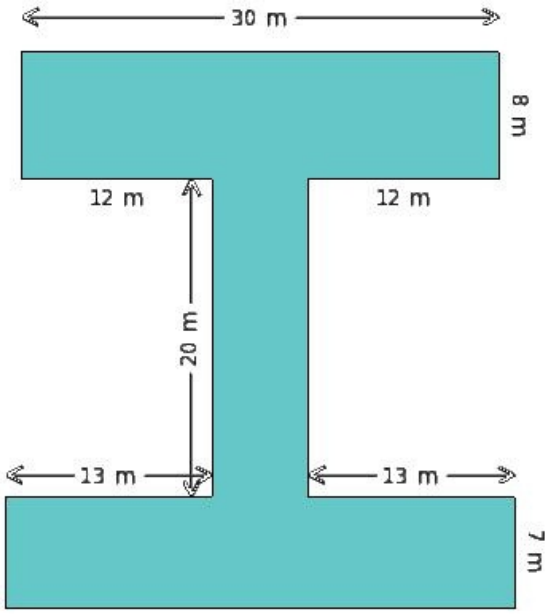
(i) 266.00 sq.m (ii) 280.00 sq.m (iii) 306.00 sq.m (iv) 293.00 sq.m (v) 255.00 sq.m

34. Find the area of the shaded region given below



(i) 372.00 sq.m (ii) 377.00 sq.m (iii) 375.00 sq.m (iv) 391.00 sq.m (v) 349.00 sq.m

35. Find the area of the shaded region given below



(i) 584.00 sq.m (ii) 556.00 sq.m (iii) 607.00 sq.m (iv) 567.00 sq.m (v) 599.00 sq.m

Assignment Key

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

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