EduSahara™ Assignment

Name : Area of Plane Figures

Chapter : Perimeter and Area of Plane Figures

Grade : ICSE Grade VI

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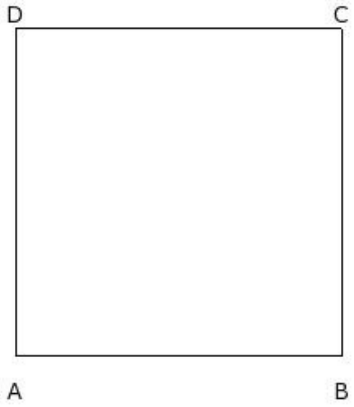
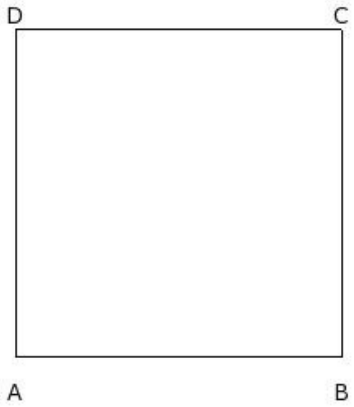
1. If the side of a square is 20.00 cm, the area of the square =



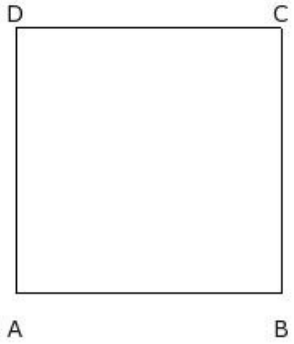
(i) 400.00 sq.cm (ii) 384.00 sq.cm (iii) 385.00 sq.cm (iv) 416.00 sq.cm (v) 413.00 sq.cm

2. If the perimeter of a square is 80.00 cm, the area of the square =



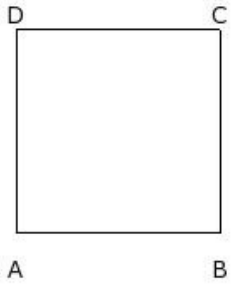
(i) 412.00 sq.cm (ii) 382.00 sq.cm (iii) 383.00 sq.cm (iv) 400.00 sq.cm (v) 416.00 sq.cm

3. If the area of a square is 256.00 sq.cm, the side of the square =



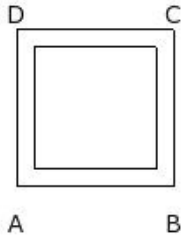
(i) 21.00 cm (ii) 13.00 cm (iii) 19.00 cm (iv) 16.00 cm (v) 11.00 cm

4. If the area of a square is 144.00 sq.cm, the perimeter of the square =



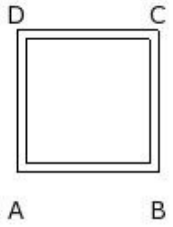
(i) 48.00 cm (ii) 43.00 cm (iii) 45.00 cm (iv) 53.00 cm (v) 51.00 cm

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 =



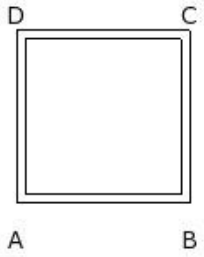
(i) 27.00 sq.cm (ii) 32.00 sq.cm (iii) 29.00 sq.cm (iv) 37.00 sq.cm (v) 35.00 sq.cm

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



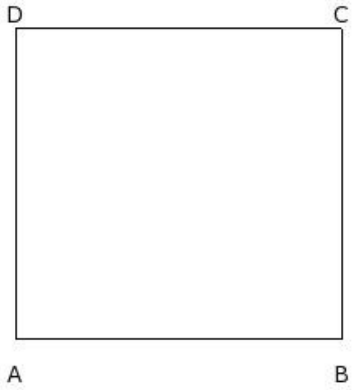
(i) 18.00 sq.cm (ii) 15.00 sq.cm (iii) 10.00 sq.cm (iv) 12.00 sq.cm (v) 20.00 sq.cm

7. If the width of a square path is 0.50 cm and outer side is 10.00 cm, the area of the square path =



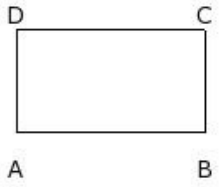
(i) 24.00 sq.cm (ii) 14.00 sq.cm (iii) 22.00 sq.cm (iv) 16.00 sq.cm (v) 19.00 sq.cm

8. If the length and breadth of a rectangle are 20.00 cm and 19.00 cm respectively, the area of the rectangle =



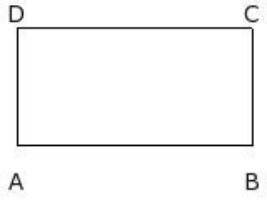
(i) 356.00 sq.cm (ii) 388.00 sq.cm (iii) 403.00 sq.cm (iv) 380.00 sq.cm (v) 378.00 sq.cm

9. If the length and perimeter of a rectangle are 11.00 cm and 34.00 cm respectively, the area of the rectangle =



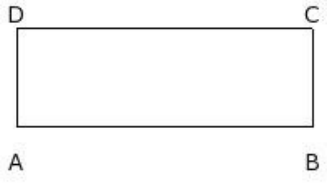
(i) 71.00 sq.cm (ii) 61.00 sq.cm (iii) 69.00 sq.cm (iv) 66.00 sq.cm (v) 63.00 sq.cm

10. If the length and area of a rectangle are 14.00 cm and 98.00 sq.cm respectively, the breadth of the rectangle =



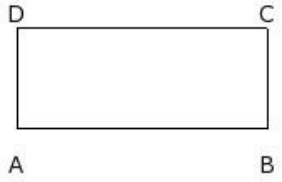
(i) 9.00 cm (ii) 8.00 cm (iii) 5.00 cm (iv) 6.00 cm (v) 7.00 cm

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



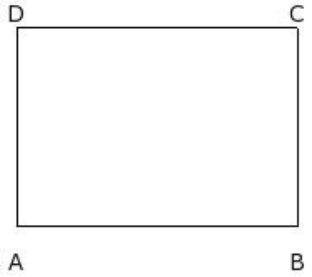
(i) 51.00 cm (ii) 45.00 cm (iii) 48.00 cm (iv) 43.00 cm (v) 53.00 cm

12. If the breadth and perimeter of a rectangle are 6.00 cm and 42.00 cm respectively, the length of the rectangle =



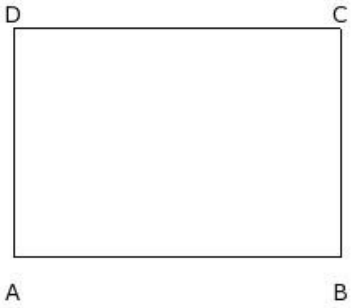
(i) 12.00 cm (ii) 18.00 cm (iii) 10.00 cm (iv) 15.00 cm (v) 20.00 cm

13. If the breadth and perimeter of a rectangle are 12.00 cm and 58.00 cm respectively, the area of the rectangle =



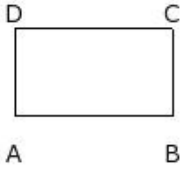
(i) 179.00 sq.cm (ii) 204.00 sq.cm (iii) 191.00 sq.cm (iv) 212.00 sq.cm (v) 228.00 sq.cm

14. If the breadth and area of a rectangle are 14.00 cm and 280.00 sq.cm respectively, the length of the rectangle =



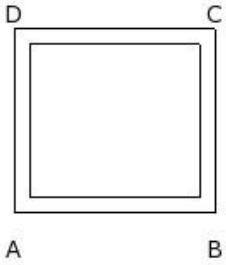
(i) 17.00 cm (ii) 25.00 cm (iii) 15.00 cm (iv) 23.00 cm (v) 20.00 cm

15. If the breadth and area of a rectangle are 5.00 cm and 45.00 sq.cm respectively, the perimeter of the rectangle =



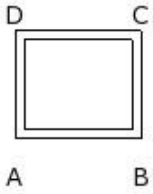
(i) 28.00 cm (ii) 33.00 cm (iii) 23.00 cm (iv) 31.00 cm (v) 25.00 cm

16. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 10.00 cm, 9.00 cm, 11.80 cm and 10.80 cm respectively, the width of the rectangular path =



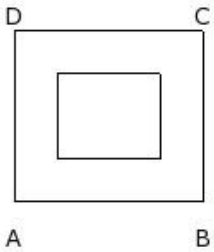
(i) 7.90 cm (ii) 0.90 cm (iii) 8.90 cm (iv) 2.90 cm (v) 1.90 cm

17. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 6.00 cm, 5.00 cm, 7.00 cm and 6.00 cm respectively, the area of the rectangular path =



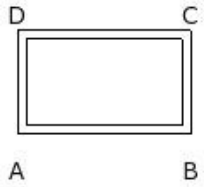
(i) 15.00 sq.cm (ii) 12.00 sq.cm (iii) 17.00 sq.cm (iv) 9.00 sq.cm (v) 7.00 sq.cm

18. If the inner length, inner breadth and width of a rectangular path are 6.00 cm, 5.00 cm and 2.50 cm respectively, the area of the rectangular path =



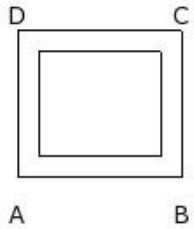
(i) 77.00 sq.cm (ii) 83.00 sq.cm (iii) 75.00 sq.cm (iv) 85.00 sq.cm (v) 80.00 sq.cm

19. If the outer length, outer breadth and width of a rectangular path are 10.00 cm, 6.00 cm and 0.50 cm respectively, the area of the rectangular path =



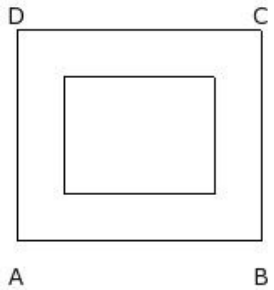
(i) 12.00 sq.cm (ii) 20.00 sq.cm (iii) 15.00 sq.cm (iv) 18.00 sq.cm (v) 10.00 sq.cm

20. If the inner length, outer breadth and width of a rectangular path are 7.00 cm, 8.40 cm and 1.20 cm respectively, the area of the rectangular path =



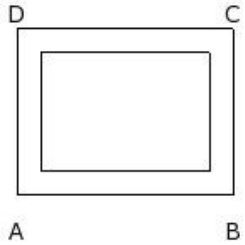
(i) 39.96 sq.cm (ii) 36.96 sq.cm (iii) 33.96 sq.cm (iv) 31.96 sq.cm (v) 41.96 sq.cm

21. If the outer length, inner breadth and width of a rectangular path are 14.60 cm, 7.00 cm and 2.80 cm respectively, the area of the rectangular path =



(i) 120.96 sq.cm (ii) 132.96 sq.cm (iii) 106.96 sq.cm (iv) 135.96 sq.cm

22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 9.80 cm and 70.00 sq.cm respectively, the area of the rectangular path =



(i) 58.44 sq.cm (ii) 55.44 sq.cm (iii) 50.44 sq.cm (iv) 52.44 sq.cm (v) 60.44 sq.cm

23. 16164.7640 sq.mm =

(i) 159.64764 sq.cm (ii) 162.64764 sq.cm (iii) 161.64764 sq.cm (iv) 160.64764 sq.cm

(v) 163.64764 sq.cm

24. 24.0755 sq.cm =

(i) 2407.55000 sq.mm (ii) 2409.55000 sq.mm (iii) 2405.55000 sq.mm (iv) 2406.55000 sq.mm

(v) 2408.55000 sq.mm

25. 353872.7121 sq.cm =

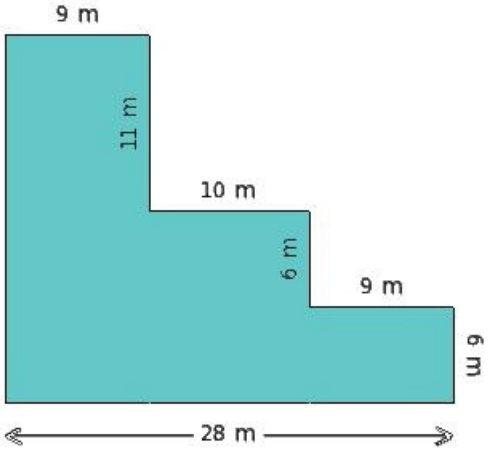
(i) 35.38727 sq.m (ii) 34.38727 sq.m (iii) 33.38727 sq.m (iv) 37.38727 sq.m (v) 36.38727 sq.m

26. 0.1512 sq.m =

(i) 1514.00000 sq.cm (ii) 1513.00000 sq.cm (iii) 1512.00000 sq.cm (iv) 1511.00000 sq.cm

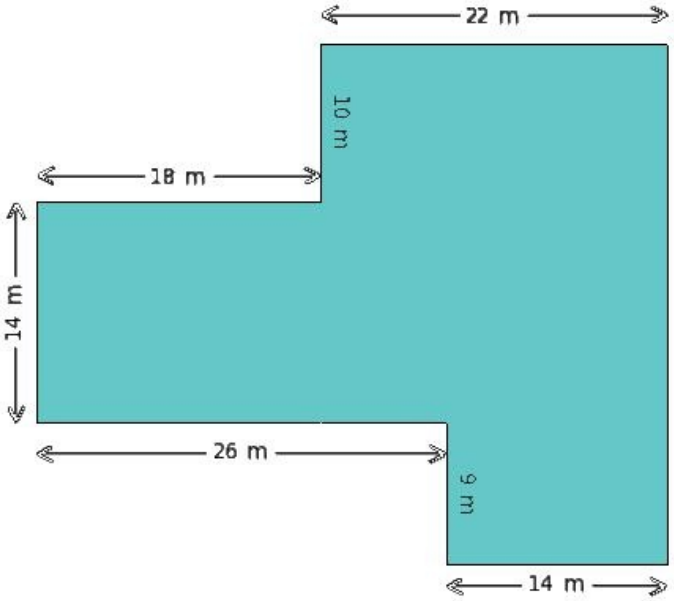
(v) 1510.00000 sq.cm

27. Find the area of the shaded region given below



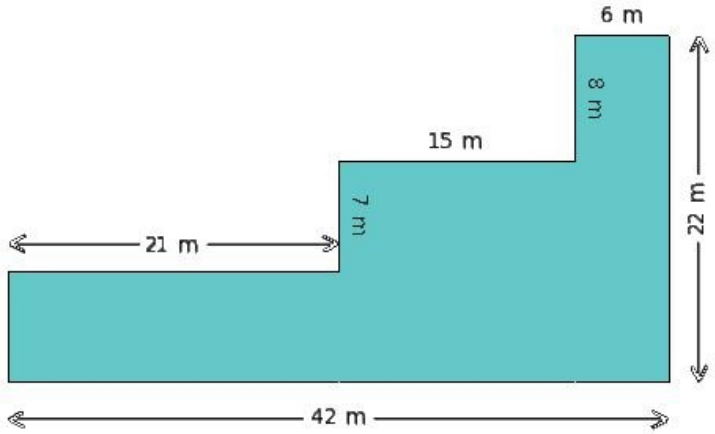
(i) 381.00 sq.m (ii) 365.00 sq.m (iii) 396.00 sq.m (iv) 393.00 sq.m

28. Find the area of the shaded region given below



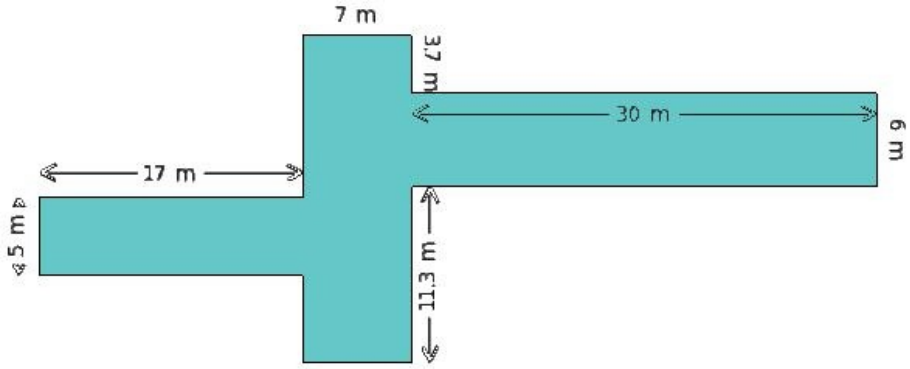
(i) 906.00 sq.m (ii) 878.00 sq.m (iii) 922.00 sq.m (iv) 919.00 sq.m (v) 893.00 sq.m

29. Find the area of the shaded region given below



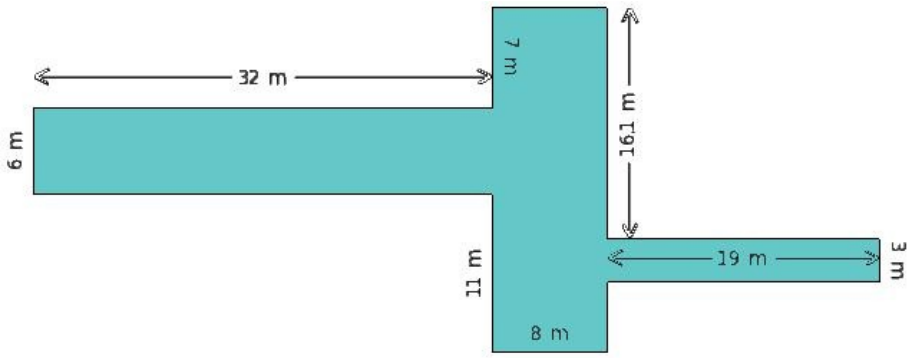
(i) 484.00 sq.m (ii) 471.00 sq.m (iii) 502.00 sq.m (iv) 489.00 sq.m (v) 516.00 sq.m

30. Find the area of the shaded region given below



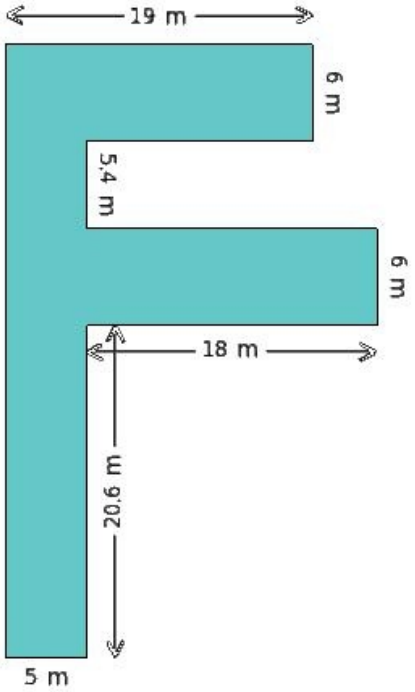
(i) 412.00 sq.m (ii) 420.00 sq.m (iii) 389.00 sq.m (iv) 409.00 sq.m (v) 438.00 sq.m

31. Find the area of the shaded region given below



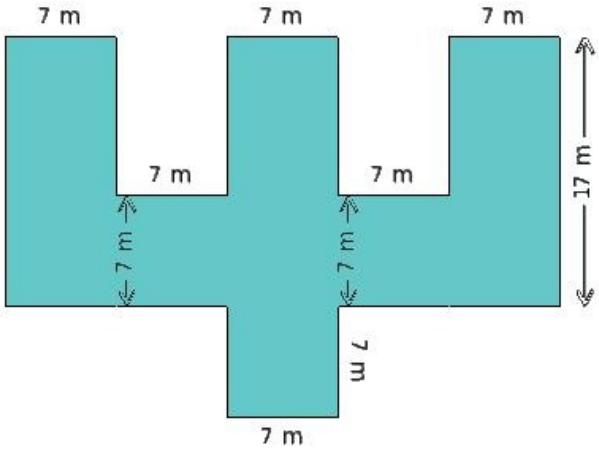
(i) 468.00 sq.m (ii) 425.00 sq.m (iii) 441.00 sq.m (iv) 446.00 sq.m (v) 424.00 sq.m

32. Find the area of the shaded region given below



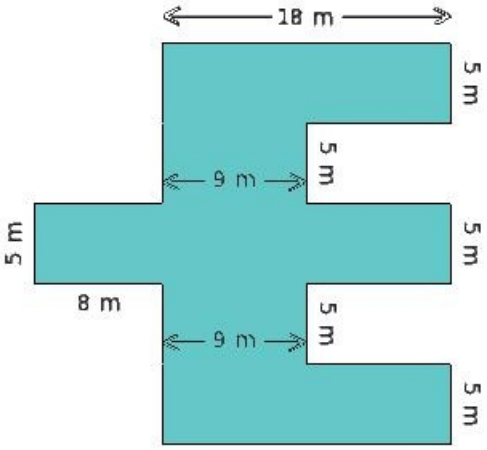
(i) 397.00 sq.m (ii) 394.00 sq.m (iii) 382.00 sq.m (iv) 358.00 sq.m (v) 379.00 sq.m

33. Find the area of the shaded region given below



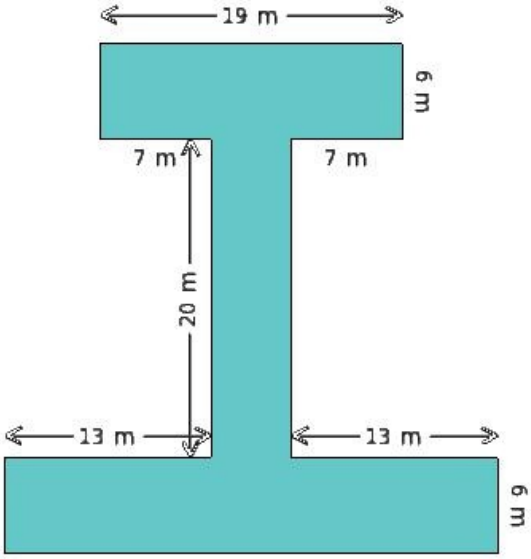
(i) 504.00 sq.m (ii) 519.00 sq.m (iii) 491.00 sq.m (iv) 528.00 sq.m (v) 496.00 sq.m

34. Find the area of the shaded region given below



(i) 416.00 sq.m (ii) 373.00 sq.m (iii) 400.00 sq.m (iv) 418.00 sq.m (v) 384.00 sq.m

35. Find the area of the shaded region given below



(i) 406.00 sq.m (ii) 383.00 sq.m (iii) 413.00 sq.m (iv) 382.00 sq.m (v) 400.00 sq.m

Assignment Key

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

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