EduSahara™ Assignment

Name : Area of Plane Figures

Chapter : Perimeter and Area of Plane Figures

Grade : ICSE Grade VI

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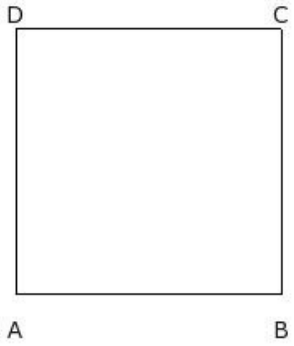
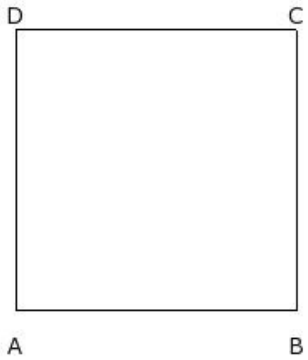
1. If the side of a square is 16.00 cm, the area of the square =



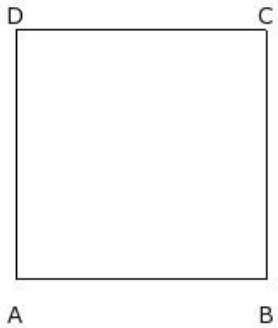
(i) 256.00 sq.cm (ii) 270.00 sq.cm (iii) 271.00 sq.cm (iv) 254.00 sq.cm (v) 233.00 sq.cm

2. If the perimeter of a square is 68.00 cm, the area of the square =



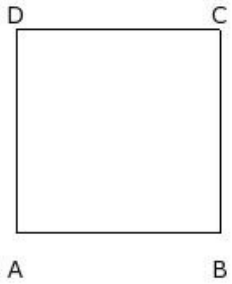
(i) 275.00 sq.cm (ii) 296.00 sq.cm (iii) 289.00 sq.cm (iv) 302.00 sq.cm (v) 261.00 sq.cm

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



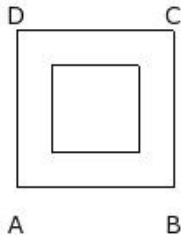
(i) 10.00 cm (ii) 18.00 cm (iii) 15.00 cm (iv) 20.00 cm (v) 12.00 cm

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



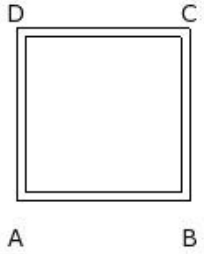
(i) 53.00 cm (ii) 43.00 cm (iii) 45.00 cm (iv) 48.00 cm (v) 51.00 cm

5. If the outer and inner sides of a square path are 9.00 cm and 5.00 cm respectively, the area of the square path =



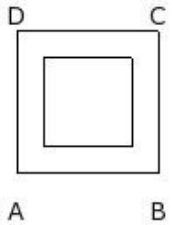
(i) 56.00 sq.cm (ii) 59.00 sq.cm (iii) 51.00 sq.cm (iv) 53.00 sq.cm (v) 61.00 sq.cm

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 =



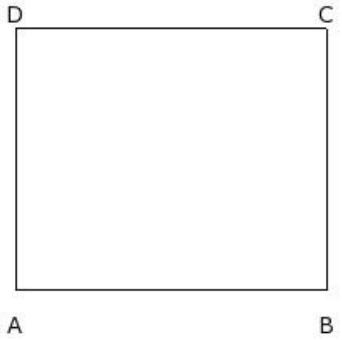
(i) 14.00 sq.cm (ii) 22.00 sq.cm (iii) 19.00 sq.cm (iv) 24.00 sq.cm (v) 16.00 sq.cm

7. If the width of a square path is 1.50 cm and outer side is 8.00 cm, the area of the square path =



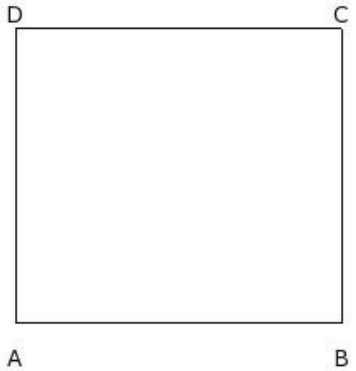
(i) 36.00 sq.cm (ii) 44.00 sq.cm (iii) 34.00 sq.cm (iv) 39.00 sq.cm (v) 42.00 sq.cm

8. If the length and breadth of a rectangle are 19.00 cm and 16.00 cm respectively, the area of the rectangle =



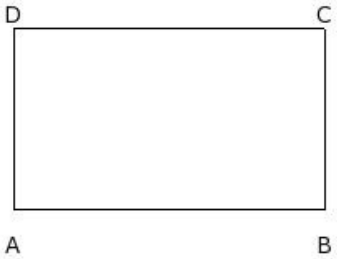
(i) 278.00 sq.cm (ii) 304.00 sq.cm (iii) 302.00 sq.cm (iv) 322.00 sq.cm (v) 307.00 sq.cm

9. If the length and perimeter of a rectangle are 20.00 cm and 76.00 cm respectively, the area of the rectangle =



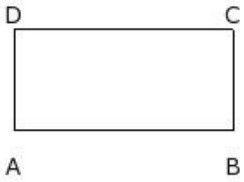
(i) 344.00 sq.cm (ii) 355.00 sq.cm (iii) 374.00 sq.cm (iv) 360.00 sq.cm (v) 373.00 sq.cm

10. If the length and area of a rectangle are 19.00 cm and 209.00 sq.cm respectively, the breadth of the rectangle =



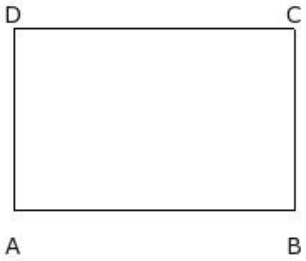
(i) 11.00 cm (ii) 14.00 cm (iii) 6.00 cm (iv) 8.00 cm (v) 16.00 cm

11. If the length and area of a rectangle are 13.00 cm and 78.00 sq.cm respectively, the perimeter of the rectangle =



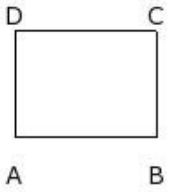
(i) 43.00 cm (ii) 35.00 cm (iii) 33.00 cm (iv) 41.00 cm (v) 38.00 cm

12. If the breadth and perimeter of a rectangle are 11.00 cm and 56.00 cm respectively, the length of the rectangle =



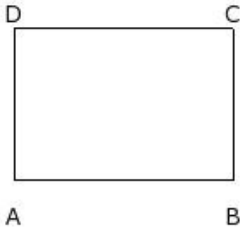
(i) 14.00 cm (ii) 22.00 cm (iii) 20.00 cm (iv) 12.00 cm (v) 17.00 cm

13. If the breadth and perimeter of a rectangle are 6.00 cm and 28.00 cm respectively, the area of the rectangle =



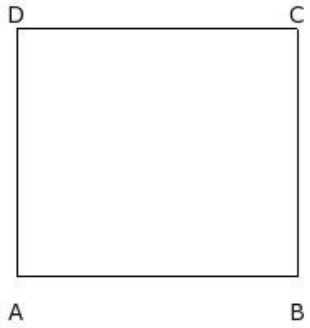
(i) 45.00 sq.cm (ii) 51.00 sq.cm (iii) 53.00 sq.cm (iv) 48.00 sq.cm (v) 43.00 sq.cm

14. If the breadth and area of a rectangle are 9.00 cm and 117.00 sq.cm respectively, the length of the rectangle =



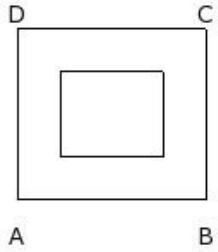
(i) 16.00 cm (ii) 13.00 cm (iii) 18.00 cm (iv) 8.00 cm (v) 10.00 cm

15. If the breadth and area of a rectangle are 15.00 cm and 255.00 sq.cm respectively, the perimeter of the rectangle =



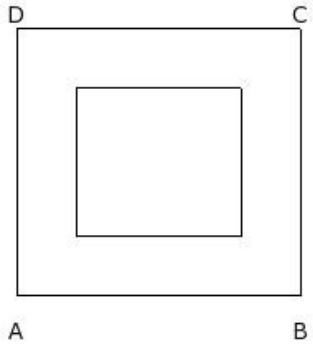
(i) 61.00 cm (ii) 64.00 cm (iii) 59.00 cm (iv) 69.00 cm (v) 67.00 cm

16. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 6.00 cm, 5.00 cm, 11.00 cm and 10.00 cm respectively, the width of the rectangular path =



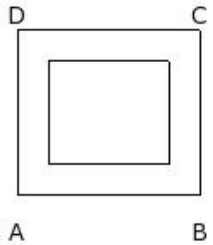
(i) 2.50 cm (ii) 1.50 cm (iii) 4.50 cm (iv) 0.50 cm (v) 3.50 cm

17. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 10.00 cm, 9.00 cm, 17.20 cm and 16.20 cm respectively, the area of the rectangular path =



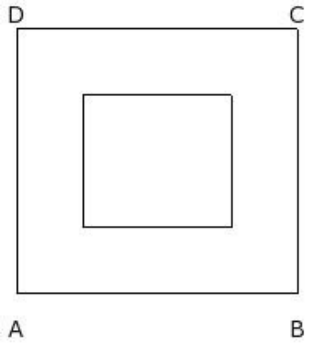
(i) 186.64 sq.cm (ii) 212.64 sq.cm (iii) 173.64 sq.cm (iv) 188.64 sq.cm (v) 205.64 sq.cm

18. If the inner length, inner breadth and width of a rectangular path are 7.00 cm, 6.00 cm and 1.80 cm respectively, the area of the rectangular path =



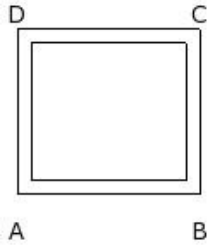
(i) 54.76 sq.cm (ii) 62.76 sq.cm (iii) 64.76 sq.cm (iv) 56.76 sq.cm (v) 59.76 sq.cm

19. If the outer length, outer breadth and width of a rectangular path are 17.00 cm, 16.00 cm and 4.00 cm respectively, the area of the rectangular path =



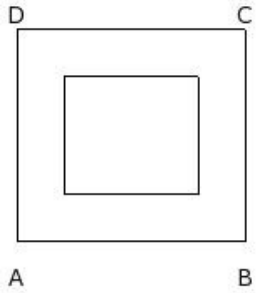
(i) 200.00 sq.cm (ii) 227.00 sq.cm (iii) 186.00 sq.cm (iv) 192.00 sq.cm (v) 218.00 sq.cm

20. If the inner length, outer breadth and width of a rectangular path are 9.00 cm, 9.60 cm and 0.80 cm respectively, the area of the rectangular path =



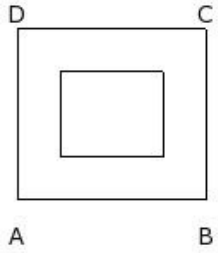
(i) 29.76 sq.cm (ii) 32.76 sq.cm (iii) 34.76 sq.cm (iv) 26.76 sq.cm (v) 24.76 sq.cm

21. If the outer length, inner breadth and width of a rectangular path are 13.60 cm, 7.00 cm and 2.80 cm respectively, the area of the rectangular path =



(i) 100.36 sq.cm (ii) 133.36 sq.cm (iii) 122.36 sq.cm (iv) 87.36 sq.cm (v) 115.36 sq.cm

22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 6.00 cm, 10.00 cm and 30.00 sq.cm respectively, the area of the rectangular path =



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

23. 812175.8425 sq.mm =

(i) 8123.75842 sq.cm (ii) 8121.75842 sq.cm (iii) 8122.75842 sq.cm (iv) 8119.75842 sq.cm

(v) 8120.75842 sq.cm

24. 21.8356 sq.cm =

(i) 2183.56000 sq.mm (ii) 2185.56000 sq.mm (iii) 2184.56000 sq.mm (iv) 2182.56000 sq.mm

(v) 2181.56000 sq.mm

25. 126664.0320 sq.cm =

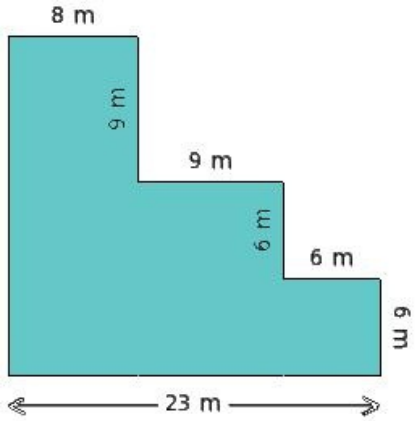
(i) 12.66640 sq.m (ii) 14.66640 sq.m (iii) 10.66640 sq.m (iv) 11.66640 sq.m (v) 13.66640 sq.m

26. 0.0442 sq.m =

(i) 442.00000 sq.cm (ii) 440.00000 sq.cm (iii) 443.00000 sq.cm (iv) 441.00000 sq.cm

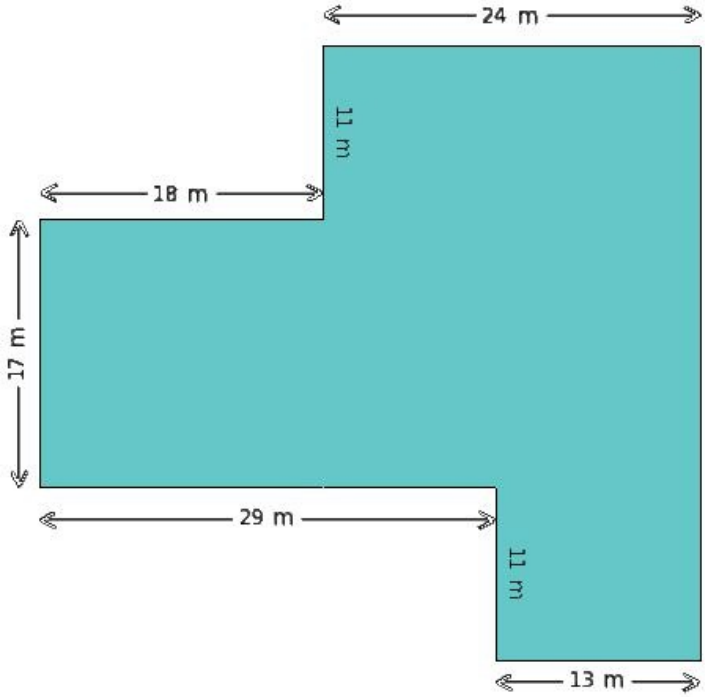
(v) 444.00000 sq.cm

27. Find the area of the shaded region given below



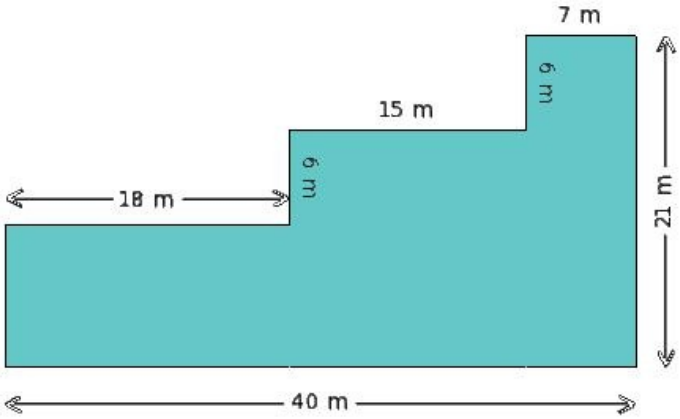
(i) 330.00 sq.m (ii) 336.00 sq.m (iii) 285.00 sq.m (iv) 296.00 sq.m (v) 312.00 sq.m

28. Find the area of the shaded region given below



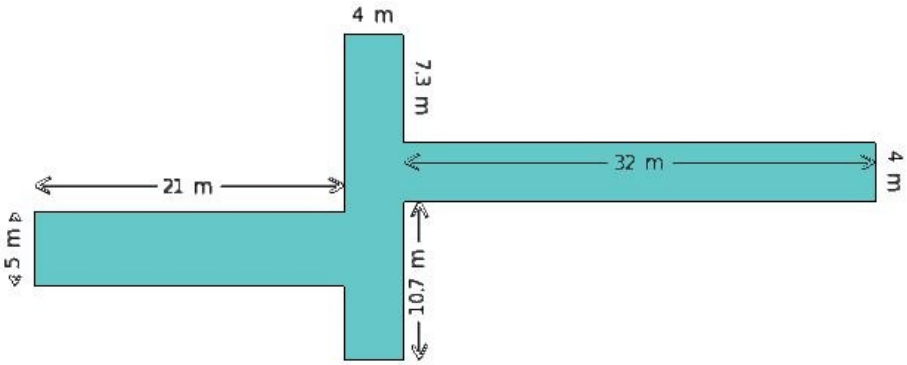
(i) 1121.00 sq.m (ii) 991.00 sq.m (iii) 1301.00 sq.m (iv) 1151.00 sq.m (v) 981.00 sq.m

29. Find the area of the shaded region given below



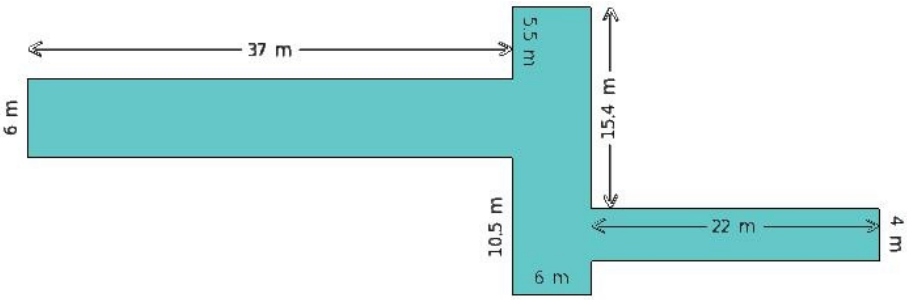
(i) 557.00 sq.m (ii) 532.00 sq.m (iii) 537.00 sq.m (iv) 518.00 sq.m (v) 534.00 sq.m

30. Find the area of the shaded region given below



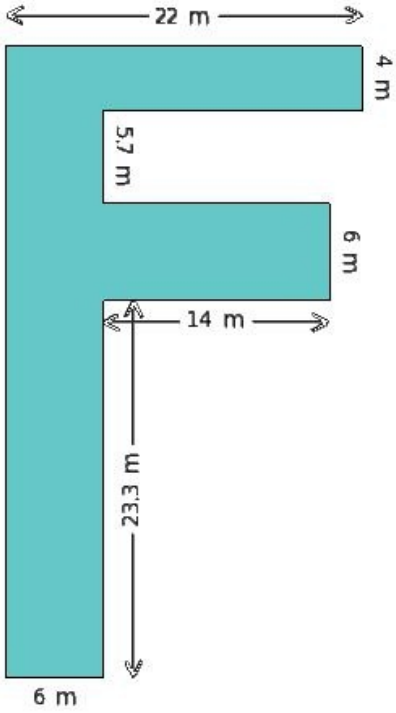
(i) 297.00 sq.m (ii) 305.00 sq.m (iii) 326.00 sq.m (iv) 339.00 sq.m (v) 321.00 sq.m

31. Find the area of the shaded region given below



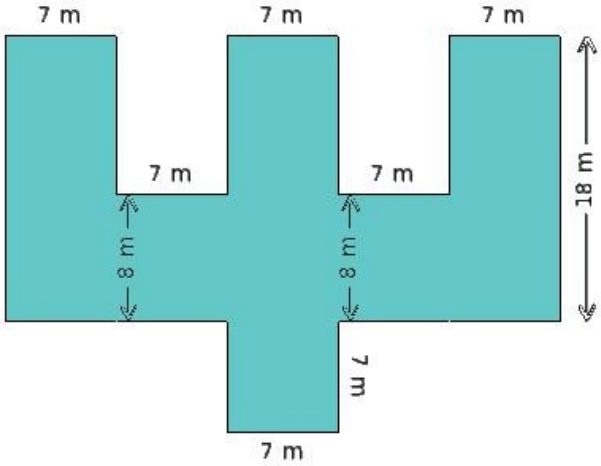
(i) 457.00 sq.m (ii) 426.00 sq.m (iii) 434.00 sq.m (iv) 449.00 sq.m (v) 442.00 sq.m

32. Find the area of the shaded region given below



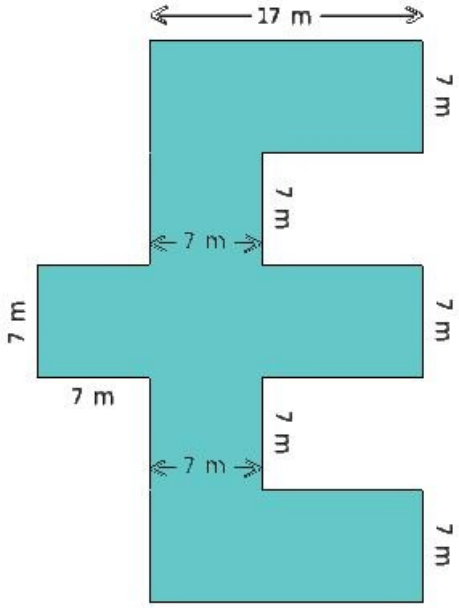
(i) 356.00 sq.m (ii) 396.00 sq.m (iii) 382.00 sq.m (iv) 405.00 sq.m (v) 374.00 sq.m

33. Find the area of the shaded region given below



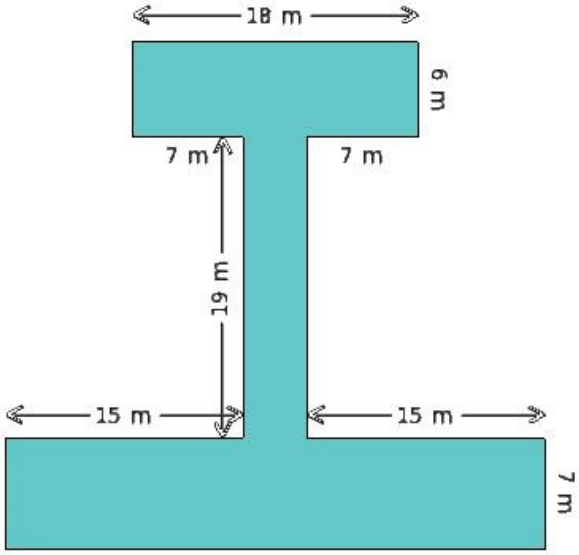
(i) 527.00 sq.m (ii) 539.00 sq.m (iii) 526.00 sq.m (iv) 545.00 sq.m (v) 564.00 sq.m

34. Find the area of the shaded region given below



(i) 499.00 sq.m (ii) 504.00 sq.m (iii) 520.00 sq.m (iv) 481.00 sq.m (v) 508.00 sq.m

35. Find the area of the shaded region given below



(i) 440.00 sq.m (ii) 398.00 sq.m (iii) 417.00 sq.m (iv) 435.00 sq.m (v) 422.00 sq.m

Assignment Key

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

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