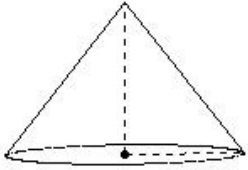


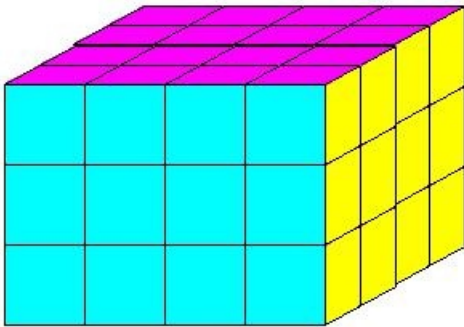


1. If the base radius of a cone is 7.00 cm and slant height is 11.40 cm, its vertical height is



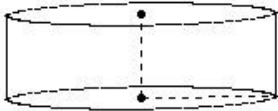
- (i) 9.00 cm (ii) 10.00 cm (iii) 11.00 cm (iv) 7.00 cm (v) 8.00 cm

2. Find the volume of the given object if each individual cube is 1 cu.cm



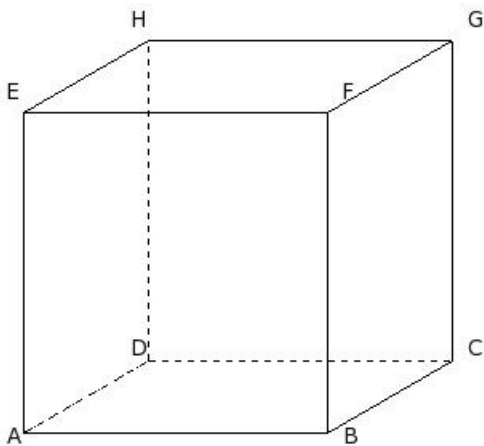
- (i) 49 cu.cm (ii) 48 cu.cm (iii) 46 cu.cm (iv) 47 cu.cm (v) 50 cu.cm

3. If the radius of a cylinder is 8.00 cm and volume is 1005.71 cu.cm, its T.S.A is



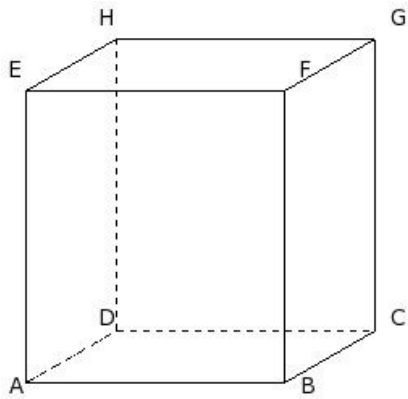
- (i) 626.71 sq.cm (ii) 647.71 sq.cm (iii) 653.71 sq.cm (iv) 668.71 sq.cm (v) 666.71 sq.cm

4. If the length, breadth and T.S.A of a cuboid are 19.00 cm, 18.00 cm and 2164.00 sq.cm respectively, its volume is



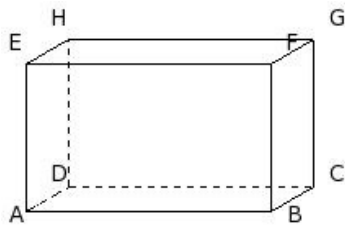
- (i) 6820.00 cu.cm (ii) 6590.00 cu.cm (iii) 7100.00 cu.cm (iv) 6970.00 cu.cm (v) 6840.00 cu.cm

5. If the length, breadth and volume of a cuboid are 16.00 cm, 13.00 cm and 3744.00 cu.cm respectively, its height is



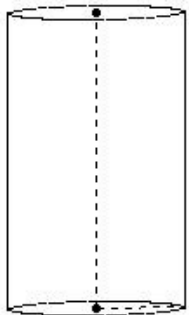
- (i) 15.00 cm (ii) 21.00 cm (iii) 13.00 cm (iv) 23.00 cm (v) 18.00 cm

6. If the length, height and volume of a cuboid are 15.00 cm, 9.00 cm and 810.00 cu.cm respectively, its breadth is



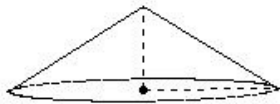
- (i) 7.00 cm (ii) 5.00 cm (iii) 4.00 cm (iv) 8.00 cm (v) 6.00 cm

7. If the height of a cylinder is 17.00 cm and L.S.A is 534.29 sq.cm, its T.S.A is



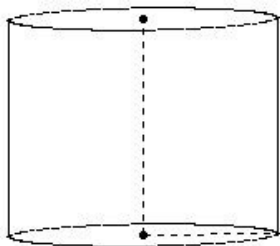
- (i) 719.43 sq.cm (ii) 691.43 sq.cm (iii) 704.43 sq.cm (iv) 667.43 sq.cm (v) 679.43 sq.cm

8. If the base radius of a cone is 8.00 cm and volume is 335.24 cu.cm, its L.S.A. is



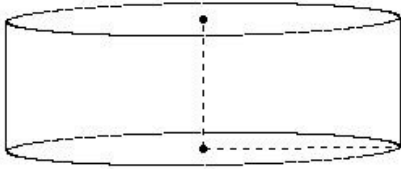
- (i) 237.10 sq.cm (ii) 221.10 sq.cm (iii) 249.10 sq.cm (iv) 225.10 sq.cm (v) 240.10 sq.cm

9. If the radius of a cylinder is 8.00 cm and L.S.A is 653.71 sq.cm, its volume is



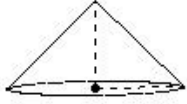
- (i) 2764.86 cu.cm (ii) 2614.86 cu.cm (iii) 2444.86 cu.cm (iv) 2384.86 cu.cm (v) 2874.86 cu.cm

10. If the height of a cylinder is 8.00 cm and volume is 3620.57 cu.cm, its base area is



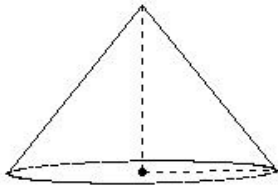
- (i) 477.57 sq.cm (ii) 445.57 sq.cm (iii) 452.57 sq.cm (iv) 464.57 sq.cm (v) 440.57 sq.cm

11. If the slant height of a cone is 7.07 cm and L.S.A is 111.10 sq.cm, its base radius is



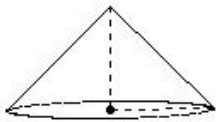
- (i) 7.00 cm (ii) 4.00 cm (iii) 3.00 cm (iv) 5.00 cm (v) 6.00 cm

12. If the slant height of a cone is 12.81 cm and T.S.A is 523.22 sq.cm, its vertical height is



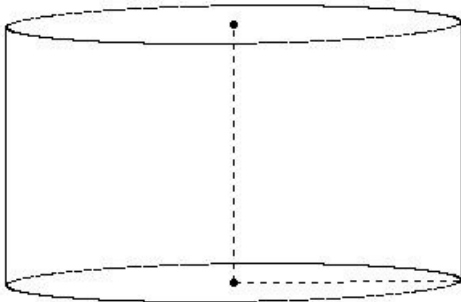
- (i) 10.00 cm (ii) 15.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 13.00 cm

13. If the base radius of a cone is 6.00 cm and vertical height is 6.00 cm, its T.S.A is



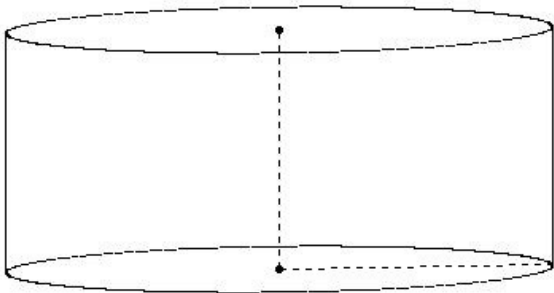
- (i) 291.24 sq.cm (ii) 251.24 sq.cm (iii) 287.24 sq.cm (iv) 273.24 sq.cm (v) 268.24 sq.cm

14. If the radius of a cylinder is 14.00 cm and T.S.A is 2640.00 sq.cm, its volume is



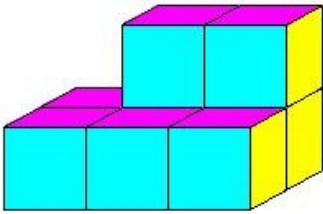
- (i) 9856.00 cu.cm (ii) 10016.00 cu.cm (iii) 10106.00 cu.cm (iv) 9826.00 cu.cm (v) 9736.00 cu.cm

15. If the height of a cylinder is 15.00 cm and T.S.A is 3419.43 sq.cm, its volume is



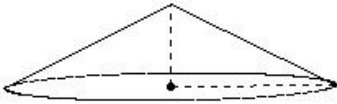
- (i) 15324.29 cu.cm (ii) 11024.29 cu.cm (iii) 15024.29 cu.cm (iv) 12824.29 cu.cm (v) 13624.29 cu.cm

16. Find the volume of the given object if each individual cube is 1 cu.cm



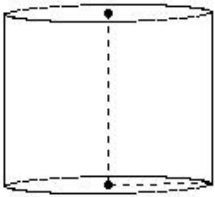
- (i) 7 cu.cm (ii) 8 cu.cm (iii) 6 cu.cm (iv) 9 cu.cm (v) 10 cu.cm

17. If the slant height of a cone is 11.18 cm and vertical height is 5.00 cm, its volume is



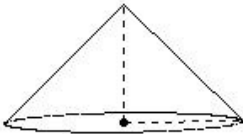
- (i) 526.81 cu.cm (ii) 511.81 cu.cm (iii) 523.81 cu.cm (iv) 549.81 cu.cm (v) 500.81 cu.cm

18. If the radius of a cylinder is 6.00 cm and L.S.A is 377.14 sq.cm, its T.S.A is



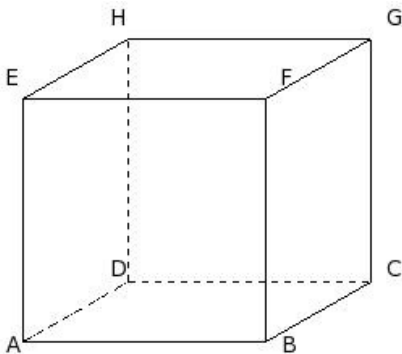
- (i) 609.43 sq.cm (ii) 603.43 sq.cm (iii) 587.43 sq.cm (iv) 618.43 sq.cm (v) 590.43 sq.cm

19. If the base radius of a cone is 7.00 cm and vertical height is 7.00 cm, its volume is



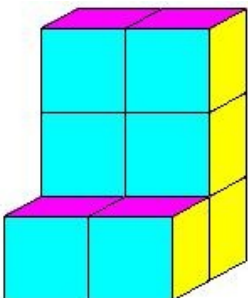
- (i) 342.33 cu.cm (ii) 372.33 cu.cm (iii) 374.33 cu.cm (iv) 351.33 cu.cm (v) 359.33 cu.cm

20. If the volume of a cube is 3375.00 cu.cm, its side is



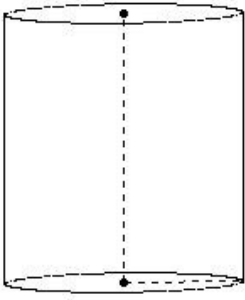
- (i) 10.00 cm (ii) 12.00 cm (iii) 20.00 cm (iv) 15.00 cm (v) 18.00 cm

21. Find the volume of the given object if each individual cube is 1 cu.cm



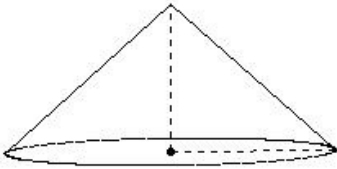
- (i) 9 cu.cm (ii) 10 cu.cm (iii) 6 cu.cm (iv) 8 cu.cm (v) 7 cu.cm

22. If the height of a cylinder is 16.00 cm and volume is 2464.00 cu.cm, its T.S.A is



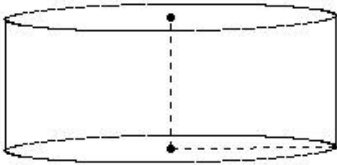
- (i) 742.00 sq.cm (ii) 1012.00 sq.cm (iii) 1062.00 sq.cm (iv) 1292.00 sq.cm (v) 872.00 sq.cm

23. If the base radius of a cone is 10.00 cm and slant height is 13.45 cm, its volume is



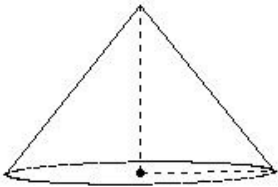
- (i) 942.86 cu.cm (ii) 918.86 cu.cm (iii) 927.86 cu.cm (iv) 956.86 cu.cm (v) 955.86 cu.cm

24. If the radius of a cylinder is 10.00 cm and volume is 2514.29 cu.cm, its base area is



- (i) 299.29 sq.cm (ii) 314.29 sq.cm (iii) 300.29 sq.cm (iv) 322.29 sq.cm (v) 340.29 sq.cm

25. If the slant height of a cone is 12.81 cm and vertical height is 10.00 cm, its base area is



- (i) 201.14 sq.cm (ii) 183.14 sq.cm (iii) 226.14 sq.cm (iv) 219.14 sq.cm (v) 187.14 sq.cm

Assignment Key

1) (i)	2) (ii)	3) (iii)	4) (v)	5) (v)	6) (v)
7) (ii)	8) (i)	9) (ii)	10) (iii)	11) (iv)	12) (i)
13) (iv)	14) (i)	15) (v)	16) (ii)	17) (iii)	18) (ii)
19) (v)	20) (iv)	21) (iv)	22) (ii)	23) (i)	24) (ii)
25) (i)					