EduSahara™ Learning Center Assignment

Grade : Class IX, SSC
Chapter : Surface areas and Volumes
Name : Cylinders

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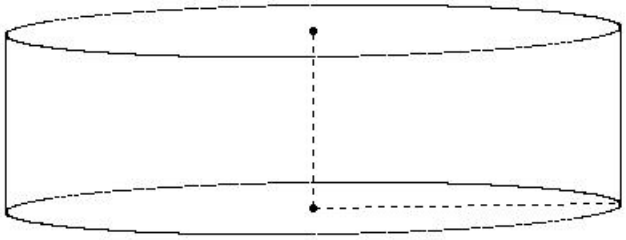
1. If the height of a cylinder is 11.00 cm and L.S.A is 1313.71 sq.cm, its radius is



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

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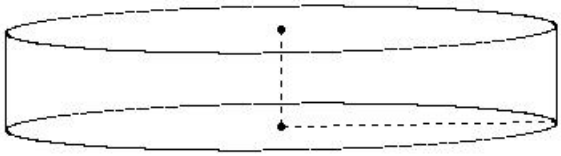
2. If the height of a cylinder is 6.00 cm and L.S.A is 641.14 sq.cm, its base area is



(i) 881.29 sq.cm (ii) 908.29 sq.cm (iii) 901.29 sq.cm (iv) 926.29 sq.cm

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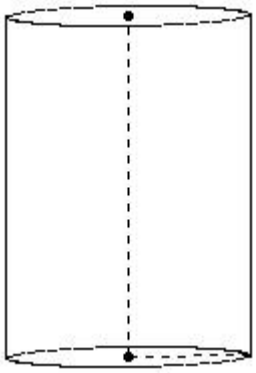
3. If the height of a cylinder is 17.00 cm and L.S.A is 641.14 sq.cm, its T.S.A is



(i) 894.43 sq.cm (ii) 855.43 sq.cm (iii) 853.43 sq.cm (iv) 867.43 sq.cm (v) 880.43 sq.cm

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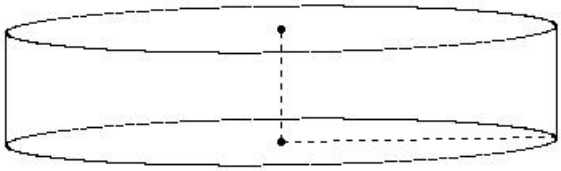
4. If the height of a cylinder is 7.00 cm and L.S.A is 748.00 sq.cm, its volume is



(i) 6088.00 cu.cm (ii) 6318.00 cu.cm (iii) 6598.00 cu.cm (iv) 6538.00 cu.cm (v) 6358.00 cu.cm

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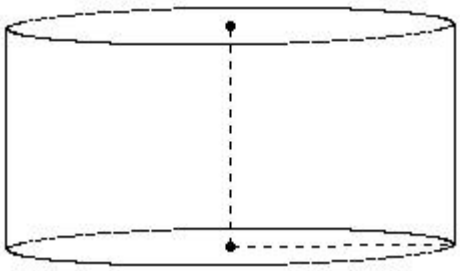
5. If the height of a cylinder is 11.00 cm and T.S.A is 1521.14 sq.cm, its radius is



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

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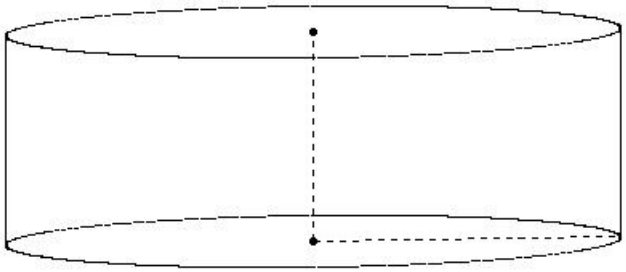
6. If the height of a cylinder is 13.00 cm and T.S.A is 3821.71 sq.cm, its base area is



(i) 964.57 sq.cm (ii) 1184.57 sq.cm (iii) 1094.57 sq.cm (iv) 1314.57 sq.cm (v) 1134.57 sq.cm

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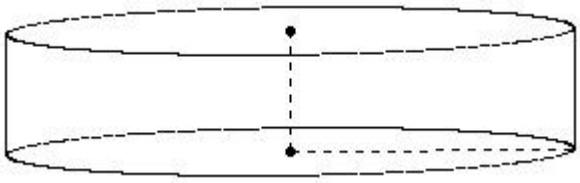
7. If the height of a cylinder is 6.00 cm and T.S.A is 1760.00 sq.cm, its L.S.A. is



(i) 531.00 sq.cm (ii) 522.00 sq.cm (iii) 528.00 sq.cm (iv) 511.00 sq.cm (v) 546.00 sq.cm

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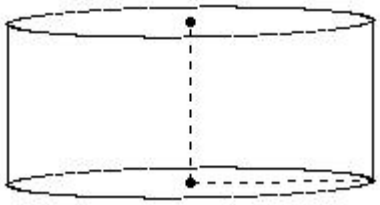
8. If the height of a cylinder is 8.00 cm and T.S.A is 961.71 sq.cm, its volume is



(i) 1856.57 cu.cm (ii) 2016.57 cu.cm (iii) 2176.57 cu.cm (iv) 2036.57 cu.cm

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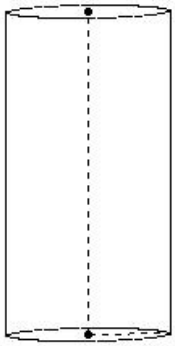
9. If the height of a cylinder is 20.00 cm and volume is 1571.43 cu.cm, its radius is



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

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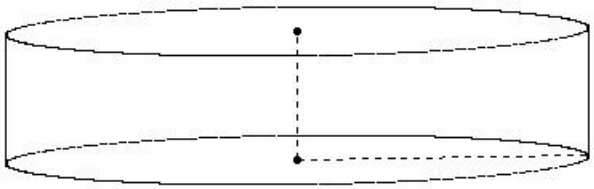
10. If the height of a cylinder is 8.00 cm and volume is 8146.29 cu.cm, its base area is



(i) 1148.29 sq.cm (ii) 868.29 sq.cm (iii) 1018.29 sq.cm (iv) 738.29 sq.cm (v) 1238.29 sq.cm

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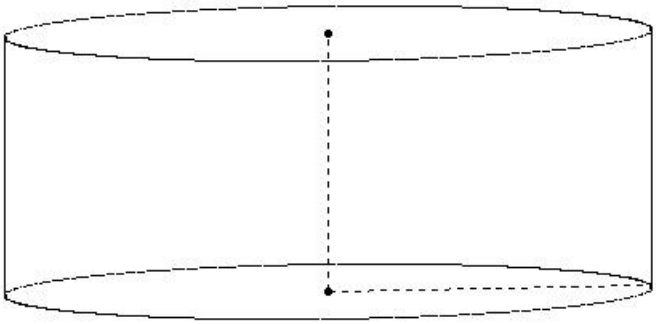
11. If the height of a cylinder is 16.00 cm and volume is 20114.29 cu.cm, its L.S.A. is



(i) 1831.43 sq.cm (ii) 1741.43 sq.cm (iii) 2241.43 sq.cm (iv) 2091.43 sq.cm (v) 2011.43 sq.cm

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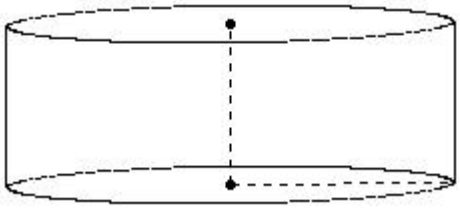
12. If the height of a cylinder is 8.00 cm and volume is 3042.29 cu.cm, its T.S.A is



(i) 1313.71 sq.cm (ii) 1173.71 sq.cm (iii) 1443.71 sq.cm (iv) 1243.71 sq.cm (v) 1393.71 sq.cm

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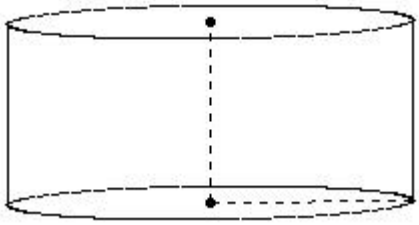
13. If the radius of a cylinder is 10.00 cm and height is 9.00 cm, its base area is



(i) 291.29 sq.cm (ii) 319.29 sq.cm (iii) 300.29 sq.cm (iv) 326.29 sq.cm (v) 314.29 sq.cm

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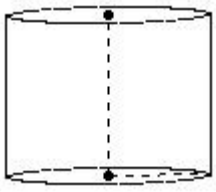
14. If the radius of a cylinder is 5.00 cm and height is 8.00 cm, its L.S.A. is



(i) 259.43 sq.cm (ii) 237.43 sq.cm (iii) 251.43 sq.cm (iv) 228.43 sq.cm (v) 265.43 sq.cm

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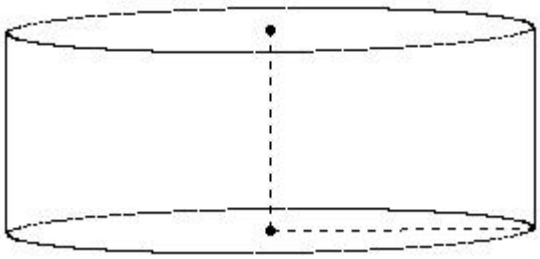
15. If the radius of a cylinder is 13.00 cm and height is 10.00 cm, its T.S.A is



(i) 1749.43 sq.cm (ii) 1729.43 sq.cm (iii) 1879.43 sq.cm (iv) 2119.43 sq.cm (v) 2059.43 sq.cm

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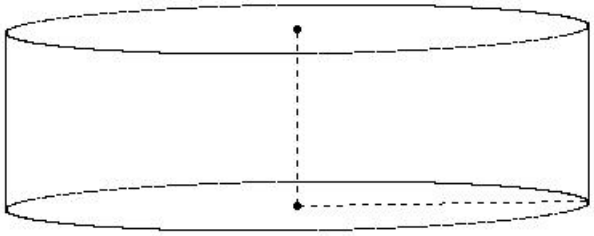
16. If the radius of a cylinder is 18.00 cm and height is 11.00 cm, its volume is



(i) 8901.14 cu.cm (ii) 11201.14 cu.cm (iii) 12701.14 cu.cm (iv) 10801.14 cu.cm (v) 13401.14 cu.cm

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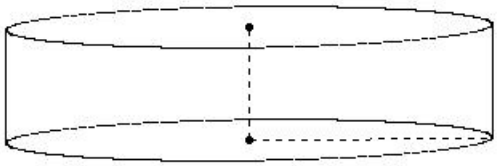
17. If the radius of a cylinder is 15.00 cm and L.S.A is 660.00 sq.cm, its height is



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

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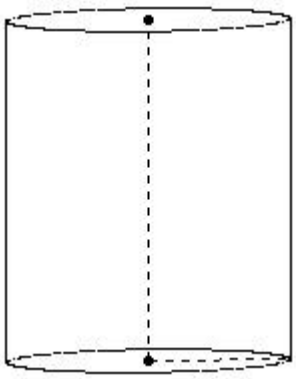
18. If the radius of a cylinder is 7.00 cm and L.S.A is 748.00 sq.cm, its base area is



(i) 129.00 sq.cm (ii) 154.00 sq.cm (iii) 177.00 sq.cm (iv) 171.00 sq.cm (v) 140.00 sq.cm

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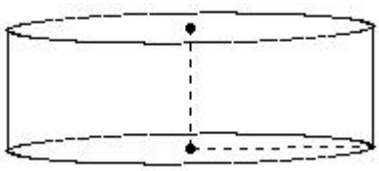
19. If the radius of a cylinder is 9.00 cm and L.S.A is 339.43 sq.cm, its T.S.A is



(i) 848.57 sq.cm (ii) 846.57 sq.cm (iii) 825.57 sq.cm (iv) 856.57 sq.cm (v) 872.57 sq.cm

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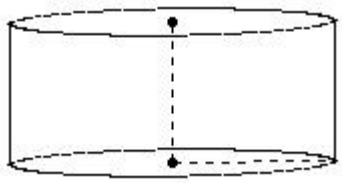
20. If the radius of a cylinder is 8.00 cm and L.S.A is 352.00 sq.cm, its volume is



(i) 1278.00 cu.cm (ii) 1658.00 cu.cm (iii) 1408.00 cu.cm (iv) 1288.00 cu.cm (v) 1438.00 cu.cm

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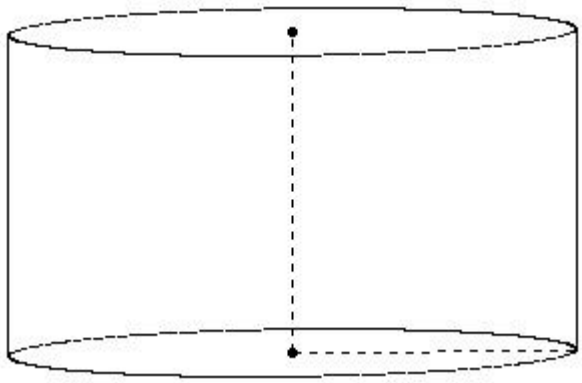
21. If the radius of a cylinder is 14.00 cm and T.S.A is 2640.00 sq.cm, its height is



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

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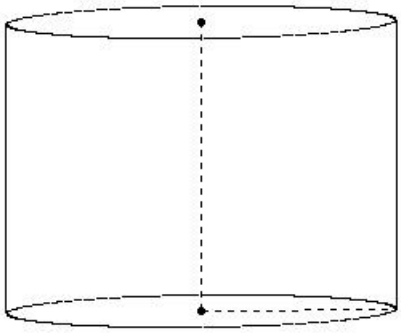
22. If the radius of a cylinder is 12.00 cm and T.S.A is 2262.86 sq.cm, its base area is



(i) 466.57 sq.cm (ii) 447.57 sq.cm (iii) 452.57 sq.cm (iv) 464.57 sq.cm (v) 438.57 sq.cm

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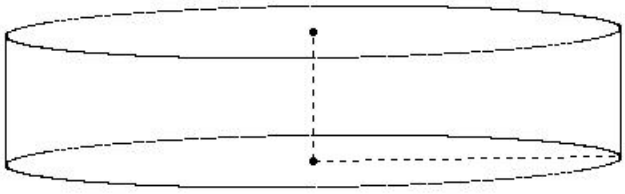
23. If the radius of a cylinder is 19.00 cm and T.S.A is 3224.57 sq.cm, its L.S.A. is



(i) 980.43 sq.cm (ii) 929.43 sq.cm (iii) 938.43 sq.cm (iv) 961.43 sq.cm (v) 955.43 sq.cm

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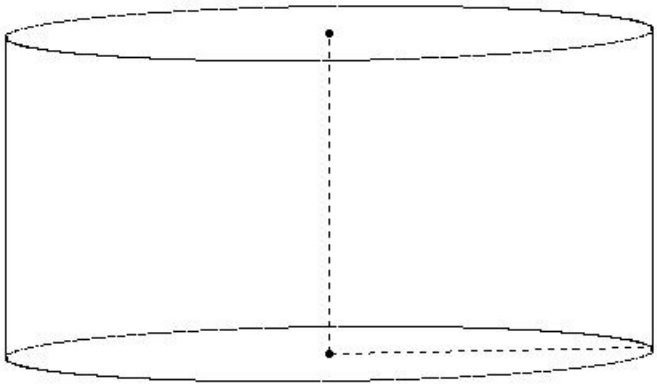
24. If the radius of a cylinder is 20.00 cm and T.S.A is 5028.57 sq.cm, its volume is



(i) 25542.86 cu.cm (ii) 25142.86 cu.cm (iii) 23642.86 cu.cm (iv) 27342.86 cu.cm (v) 23442.86 cu.cm

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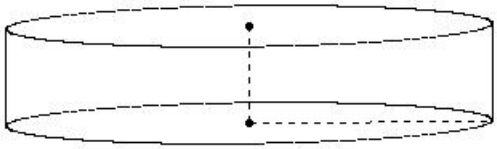
25. If the radius of a cylinder is 15.00 cm and volume is 4242.86 cu.cm, its height is



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

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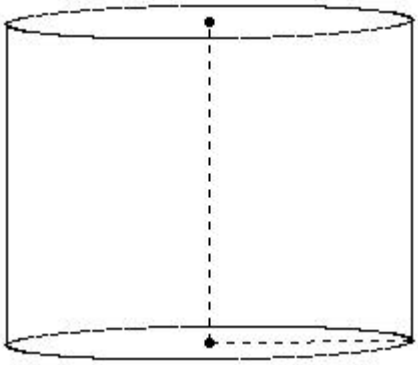
26. If the radius of a cylinder is 10.00 cm and volume is 5028.57 cu.cm, its base area is



(i) 314.29 sq.cm (ii) 338.29 sq.cm (iii) 332.29 sq.cm (iv) 297.29 sq.cm

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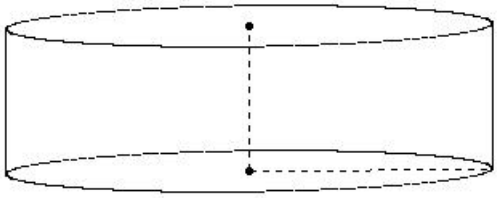
27. If the radius of a cylinder is 15.00 cm and volume is 6364.29 cu.cm, its L.S.A. is



(i) 832.57 sq.cm (ii) 860.57 sq.cm (iii) 846.57 sq.cm (iv) 848.57 sq.cm (v) 875.57 sq.cm

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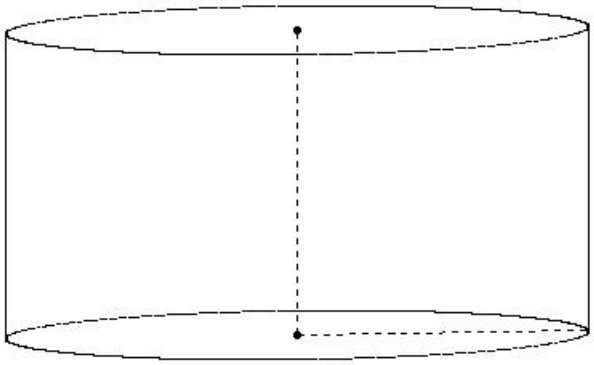
28. If the radius of a cylinder is 18.00 cm and volume is 19347.43 cu.cm, its T.S.A is



(i) 4066.29 sq.cm (ii) 4136.29 sq.cm (iii) 4356.29 sq.cm (iv) 4186.29 sq.cm (v) 4326.29 sq.cm

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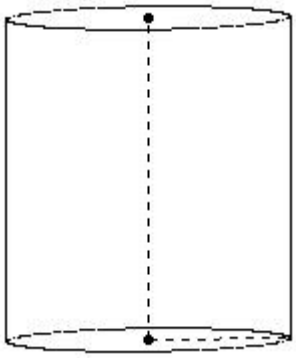
29. If the height of a cylinder is 16.00 cm and base area is 154.00 sq.cm, its radius is



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

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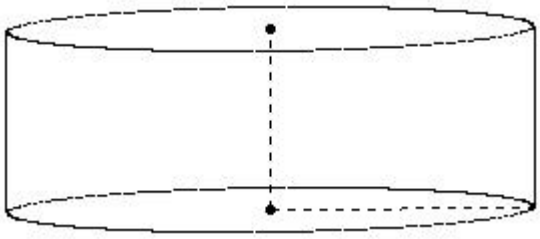
30. If the height of a cylinder is 9.00 cm and base area is 531.14 sq.cm, its L.S.A. is



(i) 748.43 sq.cm (ii) 721.43 sq.cm (iii) 737.43 sq.cm (iv) 722.43 sq.cm (v) 735.43 sq.cm

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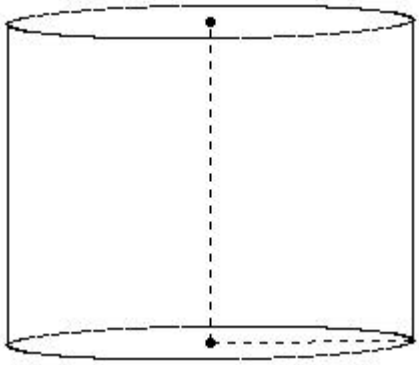
31. If the height of a cylinder is 16.00 cm and base area is 314.29 sq.cm, its T.S.A is



(i) 1474.29 sq.cm (ii) 1794.29 sq.cm (iii) 1634.29 sq.cm (iv) 1764.29 sq.cm (v) 1354.29 sq.cm

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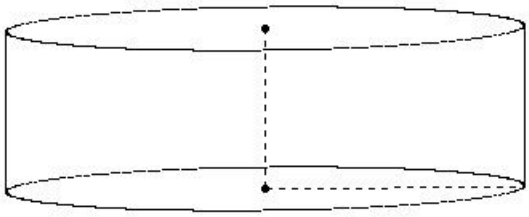
32. If the height of a cylinder is 10.00 cm and base area is 804.57 sq.cm, its volume is



(i) 8305.71 cu.cm (ii) 8045.71 cu.cm (iii) 7865.71 cu.cm (iv) 7875.71 cu.cm (v) 8195.71 cu.cm

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Assignment Key

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