EduSahara™ Learning Center Assignment

Grade : Class VIII, CBSE
Chapter : Mensuration
Name : Cylinder
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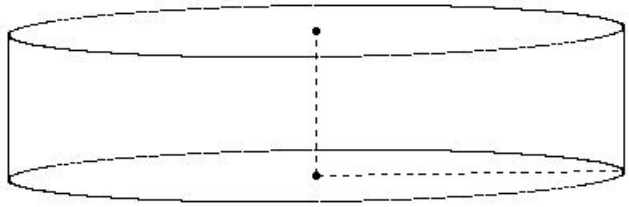
1. If the height of a cylinder is 9.00 cm and L.S.A is 1074.86 sq.cm, its radius is



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

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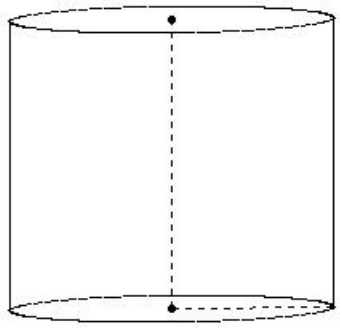
2. If the height of a cylinder is 18.00 cm and L.S.A is 1131.43 sq.cm, its base area is



(i) 296.29 sq.cm (ii) 328.29 sq.cm (iii) 314.29 sq.cm (iv) 341.29 sq.cm

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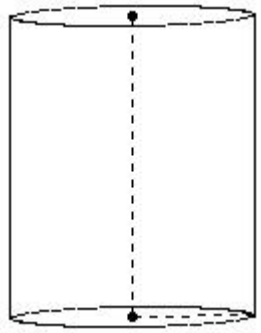
3. If the height of a cylinder is 15.00 cm and L.S.A is 565.71 sq.cm, its T.S.A is



(i) 792.00 sq.cm (ii) 776.00 sq.cm (iii) 767.00 sq.cm (iv) 810.00 sq.cm (v) 809.00 sq.cm

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4. If the height of a cylinder is 9.00 cm and L.S.A is 1131.43 sq.cm, its volume is

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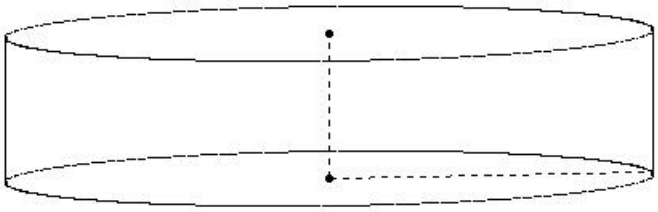

(i) 13014.29 cu.cm (ii) 13614.29 cu.cm (iii) 11314.29 cu.cm (iv) 11114.29 cu.cm (v) 9514.29 cu.cm

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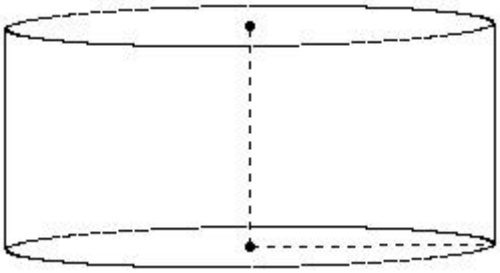
5. If the height of a cylinder is 11.00 cm and T.S.A is 1734.86 sq.cm, its radius is



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

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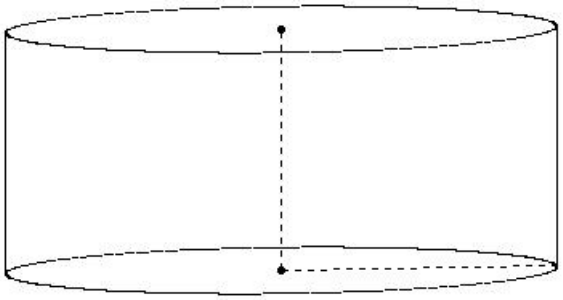
6. If the height of a cylinder is 15.00 cm and T.S.A is 3419.43 sq.cm, its base area is



(i) 921.29 sq.cm (ii) 920.29 sq.cm (iii) 908.29 sq.cm (iv) 886.29 sq.cm (v) 904.29 sq.cm

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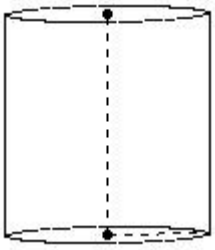
7. If the height of a cylinder is 11.00 cm and T.S.A is 502.86 sq.cm, its L.S.A. is



(i) 357.71 sq.cm (ii) 318.71 sq.cm (iii) 345.71 sq.cm (iv) 360.71 sq.cm (v) 332.71 sq.cm

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8. If the height of a cylinder is 8.00 cm and T.S.A is 1716.00 sq.cm, its volume is

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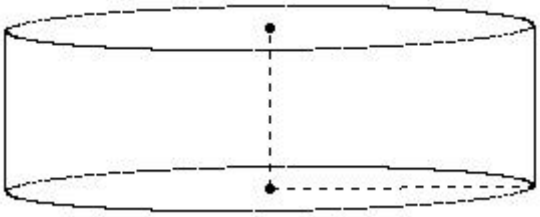

(i) 4309.14 cu.cm (ii) 4519.14 cu.cm (iii) 4079.14 cu.cm (iv) 4249.14 cu.cm (v) 4089.14 cu.cm

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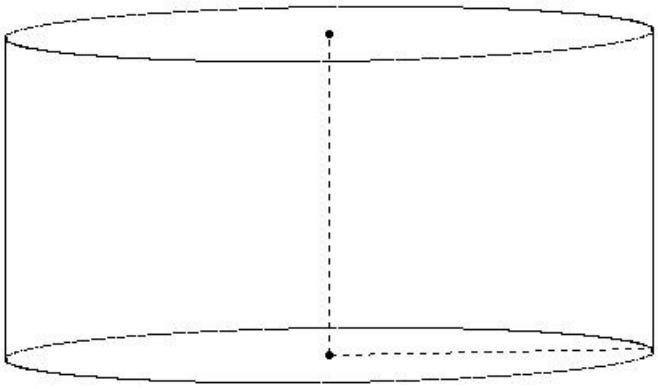
9. If the height of a cylinder is 20.00 cm and volume is 25142.86 cu.cm, its radius is



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

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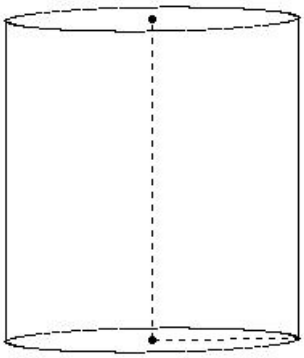
10. If the height of a cylinder is 20.00 cm and volume is 5091.43 cu.cm, its base area is



(i) 266.57 sq.cm (ii) 250.57 sq.cm (iii) 227.57 sq.cm (iv) 279.57 sq.cm (v) 254.57 sq.cm

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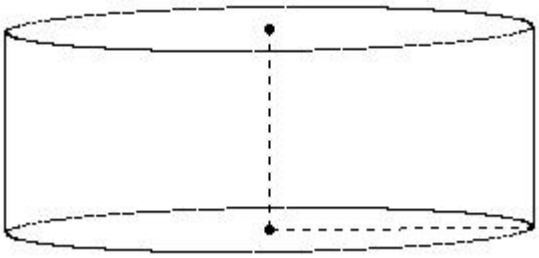
11. If the height of a cylinder is 10.00 cm and volume is 5311.43 cu.cm, its L.S.A. is



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(i) 815.14 sq.cm (ii) 799.14 sq.cm (iii) 817.14 sq.cm (iv) 821.14 sq.cm (v) 830.14 sq.cm

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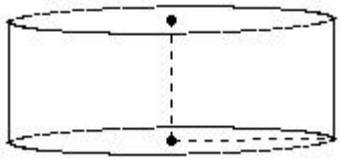
12. If the height of a cylinder is 6.00 cm and volume is 1206.86 cu.cm, its T.S.A is



(i) 702.00 sq.cm (ii) 729.00 sq.cm (iii) 712.00 sq.cm (iv) 704.00 sq.cm (v) 678.00 sq.cm

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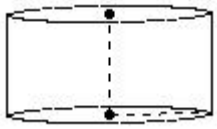
13. If the radius of a cylinder is 5.00 cm and height is 5.00 cm, its base area is



(i) 75.57 sq.cm (ii) 73.57 sq.cm (iii) 81.57 sq.cm (iv) 78.57 sq.cm (v) 83.57 sq.cm

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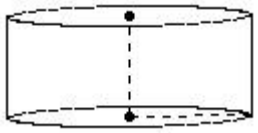
14. If the radius of a cylinder is 6.00 cm and height is 5.00 cm, its L.S.A. is



(i) 192.57 sq.cm (ii) 205.57 sq.cm (iii) 171.57 sq.cm (iv) 163.57 sq.cm (v) 188.57 sq.cm

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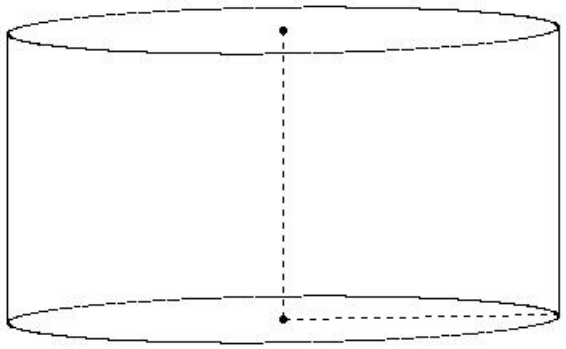
15. If the radius of a cylinder is 17.00 cm and height is 18.00 cm, its T.S.A is



(i) 3810.00 sq.cm (ii) 3880.00 sq.cm (iii) 3470.00 sq.cm (iv) 3680.00 sq.cm (v) 3740.00 sq.cm

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16. If the radius of a cylinder is 11.00 cm and height is 7.00 cm, its volume is

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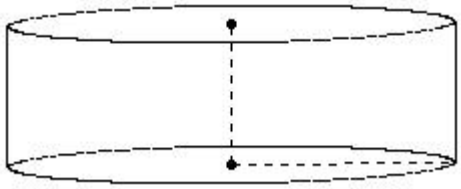

(i) 2412.00 cu.cm (ii) 2932.00 cu.cm (iii) 2662.00 cu.cm (iv) 2702.00 cu.cm (v) 2602.00 cu.cm

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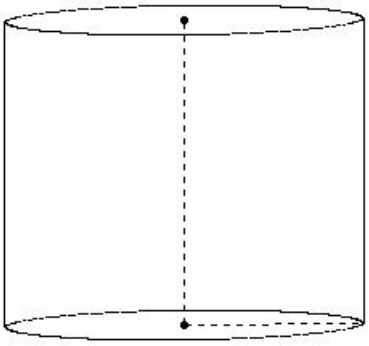
17. If the radius of a cylinder is 11.00 cm and L.S.A is 1313.71 sq.cm, its height is



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

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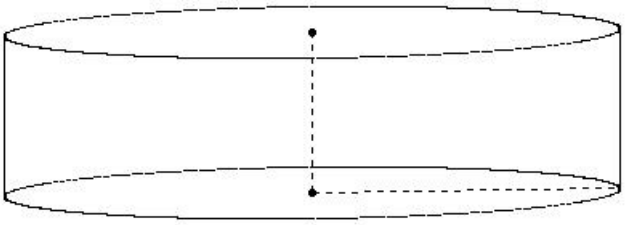
18. If the radius of a cylinder is 19.00 cm and L.S.A is 1194.29 sq.cm, its base area is



(i) 1274.57 sq.cm (ii) 1094.57 sq.cm (iii) 1284.57 sq.cm (iv) 954.57 sq.cm (v) 1134.57 sq.cm

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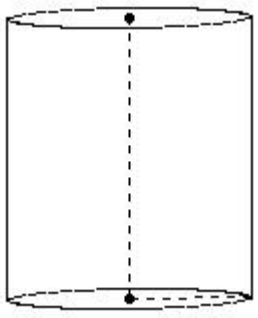
19. If the radius of a cylinder is 6.00 cm and L.S.A is 528.00 sq.cm, its T.S.A is



(i) 760.29 sq.cm (ii) 732.29 sq.cm (iii) 754.29 sq.cm (iv) 780.29 sq.cm (v) 751.29 sq.cm

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20. If the radius of a cylinder is 15.00 cm and L.S.A is 1225.71 sq.cm, its volume is

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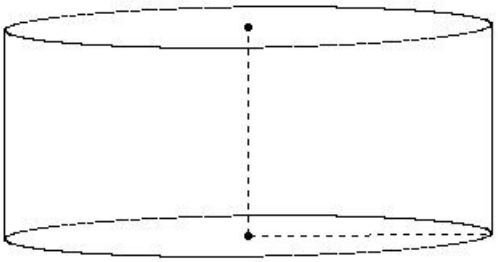

(i) 8922.86 cu.cm (ii) 9332.86 cu.cm (iii) 9342.86 cu.cm (iv) 9192.86 cu.cm (v) 9122.86 cu.cm

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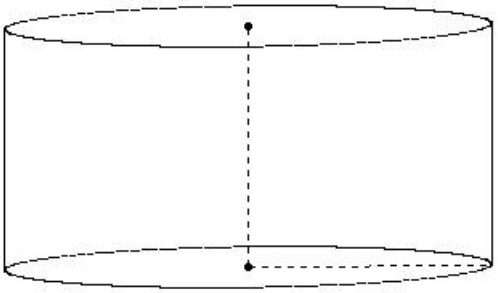
21. If the radius of a cylinder is 15.00 cm and T.S.A is 2828.57 sq.cm, its height is



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

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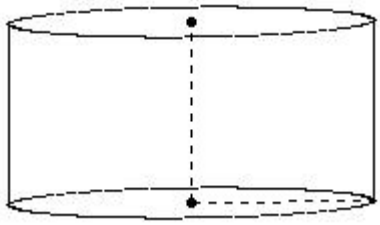
22. If the radius of a cylinder is 9.00 cm and T.S.A is 1018.29 sq.cm, its base area is



(i) 258.57 sq.cm (ii) 282.57 sq.cm (iii) 254.57 sq.cm (iv) 236.57 sq.cm (v) 248.57 sq.cm

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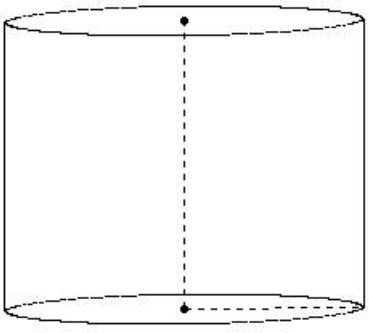
23. If the radius of a cylinder is 11.00 cm and T.S.A is 2005.14 sq.cm, its L.S.A. is



(i) 1244.57 sq.cm (ii) 1114.57 sq.cm (iii) 1294.57 sq.cm (iv) 1474.57 sq.cm (v) 1104.57 sq.cm

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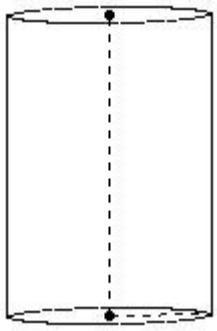
24. If the radius of a cylinder is 5.00 cm and T.S.A is 628.57 sq.cm, its volume is



(i) 918.57 cu.cm (ii) 1228.57 cu.cm (iii) 1178.57 cu.cm (iv) 1118.57 cu.cm (v) 1458.57 cu.cm

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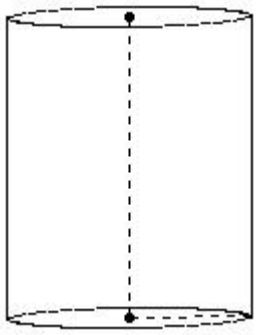
25. If the radius of a cylinder is 6.00 cm and volume is 1697.14 cu.cm, its height is



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

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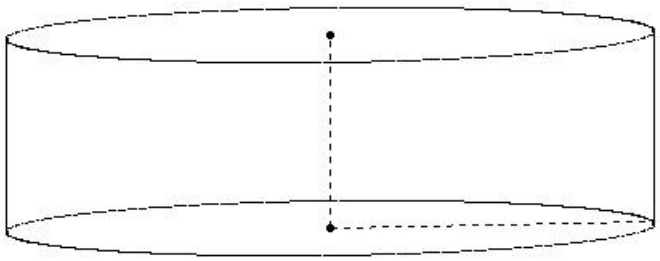
26. If the radius of a cylinder is 20.00 cm and volume is 15085.71 cu.cm, its base area is



(i) 1387.14 sq.cm (ii) 1037.14 sq.cm (iii) 1197.14 sq.cm (iv) 1257.14 sq.cm (v) 1517.14 sq.cm

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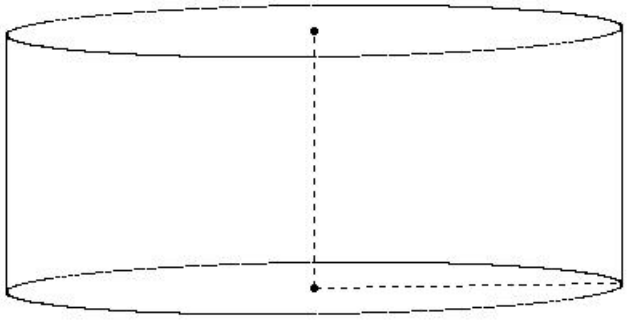
27. If the radius of a cylinder is 19.00 cm and volume is 18153.14 cu.cm, its L.S.A. is



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(i) 1910.86 sq.cm (ii) 2030.86 sq.cm (iii) 1770.86 sq.cm (iv) 1680.86 sq.cm (v) 1990.86 sq.cm

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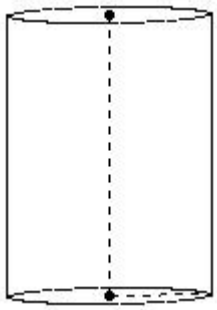
28. If the radius of a cylinder is 5.00 cm and volume is 1100.00 cu.cm, its T.S.A is



(i) 573.14 sq.cm (ii) 597.14 sq.cm (iii) 584.14 sq.cm (iv) 599.14 sq.cm (v) 624.14 sq.cm

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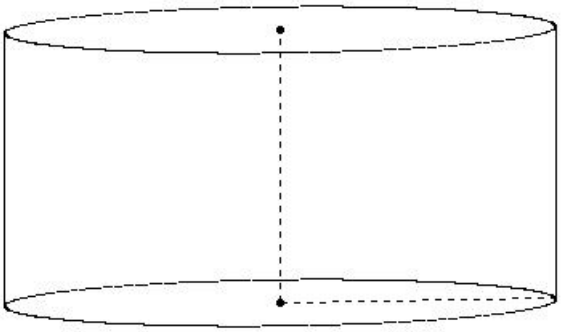
29. If the height of a cylinder is 17.00 cm and base area is 908.29 sq.cm, its radius is



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

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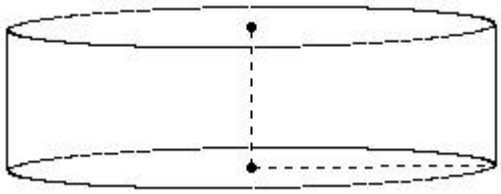
30. If the height of a cylinder is 7.00 cm and base area is 452.57 sq.cm, its L.S.A. is



(i) 505.00 sq.cm (ii) 528.00 sq.cm (iii) 530.00 sq.cm (iv) 546.00 sq.cm (v) 525.00 sq.cm

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31. If the height of a cylinder is 20.00 cm and base area is 1018.29 sq.cm, its T.S.A is

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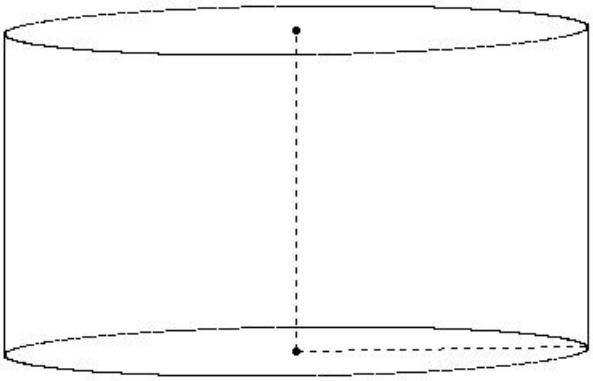

(i) 4299.43 sq.cm (ii) 4179.43 sq.cm (iii) 4369.43 sq.cm (iv) 4429.43 sq.cm (v) 4159.43 sq.cm

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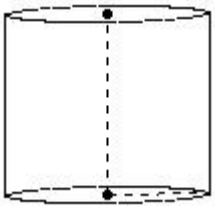
32. If the height of a cylinder is 9.00 cm and base area is 78.57 sq.cm, its volume is



(i) 693.14 cu.cm (ii) 684.14 cu.cm (iii) 734.14 cu.cm (iv) 707.14 cu.cm (v) 719.14 cu.cm

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Assignment Key

1) (v)
2) (iii)
3) (i)
4) (iii)
5) (iv)
6) (iii)
7) (iii)
8) (iv)
9) (v)
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26) (iv)
27) (i)
28) (ii)
29) (i)
30) (ii)
31) (i)
32) (iv)

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