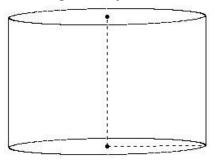
Name : Cylinders

Chapter: Surface areas and Volumes

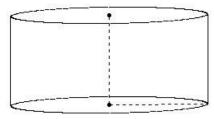
Grade: SSC Grade IX

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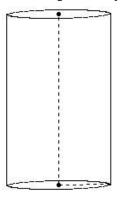
1. If the height of a cylinder is 16.00 cm and L.S.A is 1206.86 sq.cm, its radius is



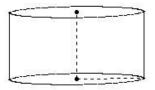
- (i) 15.00 cm (ii) 7.00 cm (iii) 17.00 cm (iv) 9.00 cm (v) 12.00 cm
- 2. If the height of a cylinder is 11.00 cm and L.S.A is 829.71 sq.cm, its base area is



- (i) 424.57 sq.cm (ii) 474.57 sq.cm (iii) 452.57 sq.cm (iv) 455.57 sq.cm (v) 437.57 sq.cm
- 3. If the height of a cylinder is 20.00 cm and L.S.A is 754.29 sq.cm, its T.S.A is

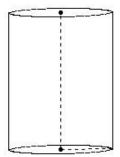


- (i) 980.57 sq.cm (ii) 954.57 sq.cm (iii) 968.57 sq.cm (iv) 997.57 sq.cm (v) 982.57 sq.cm
- 4. If the height of a cylinder is 8.00 cm and L.S.A is 402.29 sq.cm, its volume is

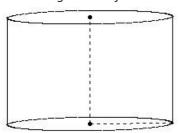


(i) 1429.14 cu.cm (ii) 1739.14 cu.cm (iii) 1859.14 cu.cm (iv) 1609.14 cu.cm (v) 1369.14 cu.cm





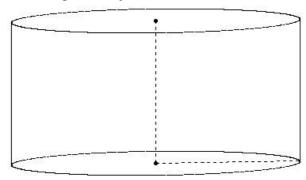
- (i) 6.00 cm (ii) 4.00 cm (iii) 5.00 cm (iv) 8.00 cm (v) 7.00 cm
- 6. If the height of a cylinder is 13.00 cm and T.S.A is 1445.71 sq.cm, its base area is



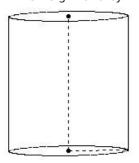
- (i) 297.29 sq.cm (ii) 316.29 sq.cm (iii) 314.29 sq.cm (iv) 327.29 sq.cm (v) 309.29 sq.cm
- 7. If the height of a cylinder is 8.00 cm and T.S.A is 804.57 sq.cm, its L.S.A. is



- (i) 416.29 sq.cm (ii) 385.29 sq.cm (iii) 379.29 sq.cm (iv) 407.29 sq.cm (v) 402.29 sq.cm
- 8. If the height of a cylinder is 18.00 cm and T.S.A is 4073.14 sq.cm, its volume is

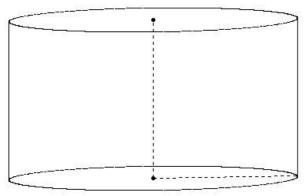


- (i) 16829.14 cu.cm (ii) 18329.14 cu.cm (iii) 17529.14 cu.cm (iv) 20729.14 cu.cm (v) 19029.14 cu.cm
- 9. If the height of a cylinder is 16.00 cm and volume is 2464.00 cu.cm, its radius is

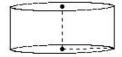


(i) 6.00 cm (ii) 5.00 cm (iii) 9.00 cm (iv) 8.00 cm (v) 7.00 cm

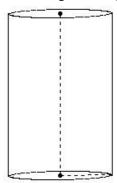
10. If the height of a cylinder is 20.00 cm and volume is 20365.71 cu.cm, its base area is



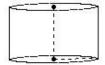
- (i) 878.29 sq.cm (ii) 1188.29 sq.cm (iii) 1138.29 sq.cm (iv) 1018.29 sq.cm
- 11. If the height of a cylinder is 5.00 cm and volume is 565.71 cu.cm, its L.S.A. is



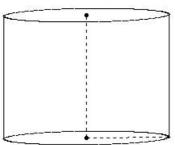
- (i) 200.57 sq.cm (ii) 185.57 sq.cm (iii) 165.57 sq.cm (iv) 204.57 sq.cm (v) 188.57 sq.cm
- 12. If the height of a cylinder is 19.00 cm and volume is 2149.71 cu.cm, its T.S.A is



- (i) 947.86 sq.cm (ii) 934.86 sq.cm (iii) 942.86 sq.cm (iv) 930.86 sq.cm (v) 969.86 sq.cm
- 13. If the radius of a cylinder is 5.00 cm and height is 6.00 cm, its base area is

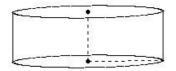


- (i) 83.57 sq.cm (ii) 75.57 sq.cm (iii) 81.57 sq.cm (iv) 78.57 sq.cm (v) 73.57 sq.cm
- 14. If the radius of a cylinder is 10.00 cm and height is 15.00 cm, its L.S.A. is



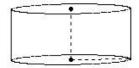
(i) 930.86 sq.cm (ii) 942.86 sq.cm (iii) 955.86 sq.cm (iv) 946.86 sq.cm (v) 929.86 sq.cm





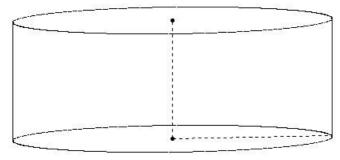
(i) 854.57 sq.cm (ii) 863.57 sq.cm (iii) 835.57 sq.cm (iv) 836.57 sq.cm (v) 848.57 sq.cm

16. If the radius of a cylinder is 7.00 cm and height is 6.00 cm, its volume is



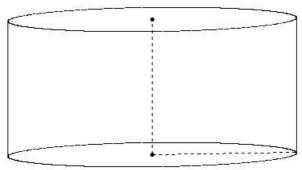
(i) 912.00 cu.cm (ii) 930.00 cu.cm (iii) 937.00 cu.cm (iv) 907.00 cu.cm (v) 924.00 cu.cm

17. If the radius of a cylinder is 20.00 cm and L.S.A is 1885.71 sq.cm, its height is



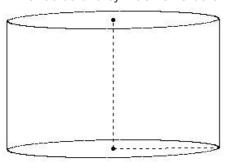
(i) 18.00 cm (ii) 10.00 cm (iii) 20.00 cm (iv) 15.00 cm (v) 12.00 cm

18. If the radius of a cylinder is 18.00 cm and L.S.A is 1923.43 sq.cm, its base area is



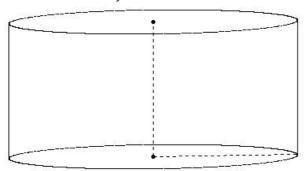
(i) 1018.29 sq.cm (ii) 898.29 sq.cm (iii) 1258.29 sq.cm (iv) 1038.29 sq.cm (v) 748.29 sq.cm

19. If the radius of a cylinder is 13.00 cm and L.S.A is 1307.43 sq.cm, its T.S.A is

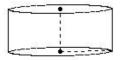


(i) 2369.71 sq.cm (ii) 2229.71 sq.cm (iii) 2599.71 sq.cm (iv) 2219.71 sq.cm (v) 2539.71 sq.cm

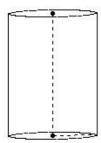
20. If the radius of a cylinder is 18.00 cm and L.S.A is 1923.43 sq.cm, its volume is



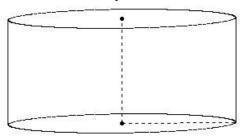
- (i) 20010.86 cu.cm (ii) 14910.86 cu.cm (iii) 18810.86 cu.cm (iv) 17310.86 cu.cm (v) 16610.86 cu.cm
- 21. If the radius of a cylinder is 6.00 cm and T.S.A is 414.86 sq.cm, its height is



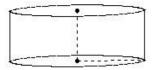
- (i) 3.00 cm (ii) 4.00 cm (iii) 6.00 cm (iv) 5.00 cm (v) 7.00 cm
- 22. If the radius of a cylinder is 5.00 cm and T.S.A is 597.14 sq.cm, its base area is



- (i) 75.57 sq.cm (ii) 78.57 sq.cm (iii) 73.57 sq.cm (iv) 83.57 sq.cm (v) 81.57 sq.cm
- 23. If the radius of a cylinder is 14.00 cm and T.S.A is 2376.00 sq.cm, its L.S.A. is

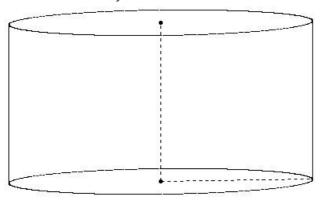


- (i) 1124.00 sq.cm (ii) 1304.00 sq.cm (iii) 874.00 sq.cm (iv) 1214.00 sq.cm (v) 1144.00 sq.cm
- 24. If the radius of a cylinder is 8.00 cm and T.S.A is 704.00 sq.cm, its volume is

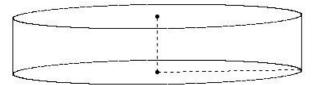


(i) 1376.86 cu.cm (ii) 966.86 cu.cm (iii) 1036.86 cu.cm (iv) 1206.86 cu.cm (v) 1326.86 cu.cm

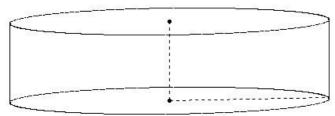
25. If the radius of a cylinder is 19.00 cm and volume is 22691.43 cu.cm, its height is



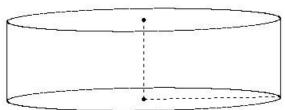
- (i) 25.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 15.00 cm (v) 23.00 cm
- 26. If the radius of a cylinder is 18.00 cm and volume is 7128.00 cu.cm, its base area is



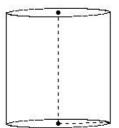
- (i) 758.29 sq.cm (ii) 998.29 sq.cm (iii) 1178.29 sq.cm (iv) 1018.29 sq.cm (v) 1088.29 sq.cm
- 27. If the radius of a cylinder is 20.00 cm and volume is 12571.43 cu.cm, its L.S.A. is



- (i) 1257.14 sq.cm (ii) 1097.14 sq.cm (iii) 1437.14 sq.cm (iv) 1127.14 sq.cm
- 28. If the radius of a cylinder is 17.00 cm and volume is 9082.86 cu.cm, its T.S.A is

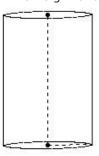


- (i) 2885.14 sq.cm (ii) 3135.14 sq.cm (iii) 2715.14 sq.cm (iv) 2855.14 sq.cm (v) 2925.14 sq.cm
- 29. If the height of a cylinder is 13.00 cm and base area is 113.14 sq.cm, its radius is

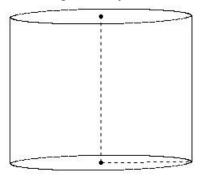


(i) 8.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 4.00 cm (v) 6.00 cm

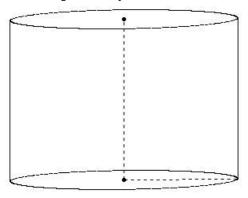




- (i) 463.43 sq.cm (ii) 471.43 sq.cm (iii) 459.43 sq.cm (iv) 488.43 sq.cm (v) 487.43 sq.cm
- 31. If the height of a cylinder is 18.00 cm and base area is 380.29 sq.cm, its T.S.A is



- (i) 1785.14 sq.cm (ii) 1845.14 sq.cm (iii) 2055.14 sq.cm (iv) 2005.14 sq.cm (v) 2235.14 sq.cm
- 32. If the height of a cylinder is 20.00 cm and base area is 616.00 sq.cm, its volume is



(i) 10120.00 cu.cm (ii) 10620.00 cu.cm (iii) 12320.00 cu.cm (iv) 14620.00 cu.cm (v) 12720.00 cu.cm

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

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