

1. If the height of a cylinder is 8.00 cm and L.S.A is 704.00 sq.cm, its radius is



- (i) 9.00 cm (ii) 11.00 cm (iii) 14.00 cm (iv) 17.00 cm (v) 19.00 cm
- 2. If the height of a cylinder is 8.00 cm and L.S.A is 653.71 sq.cm, its base area is



- (i) 546.14 sq.cm (ii) 518.14 sq.cm (iii) 513.14 sq.cm (iv) 555.14 sq.cm (v) 531.14 sq.cm
- 3. If the height of a cylinder is 13.00 cm and L.S.A is 1634.29 sq.cm, its T.S.A is



- (i) 4418.57 sq.cm (ii) 4008.57 sq.cm (iii) 4198.57 sq.cm (iv) 4148.57 sq.cm (v) 4028.57 sq.cm
- 4. If the height of a cylinder is 5.00 cm and L.S.A is 251.43 sq.cm, its volume is



- (i) 725.71 cu.cm (ii) 935.71 cu.cm (iii) 1145.71 cu.cm (iv) 1185.71 cu.cm (v) 1005.71 cu.cm
- 5. If the height of a cylinder is 8.00 cm and T.S.A is 1508.57 sq.cm, its radius is



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

6. If the height of a cylinder is 9.00 cm and T.S.A is 704.00 sq.cm, its base area is



- (i) 129.00 sq.cm (ii) 150.00 sq.cm (iii) 154.00 sq.cm (iv) 170.00 sq.cm (v) 156.00 sq.cm
- 7. If the height of a cylinder is 12.00 cm and T.S.A is 2042.86 sq.cm, its L.S.A. is



- (i) 1005.57 sq.cm (ii) 964.57 sq.cm (iii) 963.57 sq.cm (iv) 986.57 sq.cm (v) 980.57 sq.cm
- 8. If the height of a cylinder is 19.00 cm and T.S.A is 1584.00 sq.cm, its volume is



(i) 4836.86 cu.cm (ii) 4986.86 cu.cm (iii) 4876.86 cu.cm (iv) 4666.86 cu.cm

9. If the height of a cylinder is 13.00 cm and volume is 13237.71 cu.cm, its radius is



- (i) 21.00 cm (ii) 13.00 cm (iii) 23.00 cm (iv) 15.00 cm (v) 18.00 cm
- 10. If the height of a cylinder is 17.00 cm and volume is 15440.86 cu.cm, its base area is



(i) 886.29 sq.cm (ii) 913.29 sq.cm (iii) 922.29 sq.cm (iv) 895.29 sq.cm (v) 908.29 sq.cm

11. If the height of a cylinder is 20.00 cm and volume is 4022.86 cu.cm, its L.S.A. is



(i) 1155.71 sq.cm (ii) 1005.71 sq.cm (iii) 825.71 sq.cm (iv) 835.71 sq.cm (v) 1165.71 sq.cm

12. If the height of a cylinder is 12.00 cm and volume is 4563.43 cu.cm, its T.S.A is



(i) 1820.29 sq.cm (ii) 1540.29 sq.cm (iii) 1760.29 sq.cm (iv) 1370.29 sq.cm (v) 1590.29 sq.cm

13. If the radius of a cylinder is 9.00 cm and height is 8.00 cm, its base area is



(i) 252.57 sq.cm (ii) 254.57 sq.cm (iii) 262.57 sq.cm (iv) 228.57 sq.cm (v) 278.57 sq.cm

14. If the radius of a cylinder is 14.00 cm and height is 8.00 cm, its L.S.A. is



(i) 692.00 sq.cm (ii) 731.00 sq.cm (iii) 698.00 sq.cm (iv) 711.00 sq.cm (v) 704.00 sq.cm

15. If the radius of a cylinder is 19.00 cm and height is 7.00 cm, its T.S.A is



(i) 2935.14 sq.cm (ii) 3105.14 sq.cm (iii) 2955.14 sq.cm (iv) 3345.14 sq.cm (v) 3285.14 sq.cm

16. If the radius of a cylinder is 11.00 cm and height is 9.00 cm, its volume is



(i) 3352.57 cu.cm (ii) 3422.57 cu.cm (iii) 3542.57 cu.cm (iv) 3452.57 cu.cm (v) 3262.57 cu.cm

17. If the radius of a cylinder is 7.00 cm and L.S.A is 880.00 sq.cm, its height is



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

18. If the radius of a cylinder is 15.00 cm and L.S.A is 1602.86 sq.cm, its base area is



- (i) 715.14 sq.cm (ii) 693.14 sq.cm (iii) 707.14 sq.cm (iv) 692.14 sq.cm (v) 720.14 sq.cm
- 19. If the radius of a cylinder is 11.00 cm and L.S.A is 968.00 sq.cm, its T.S.A is



- (i) 1598.57 sq.cm (ii) 1808.57 sq.cm (iii) 1728.57 sq.cm (iv) 1968.57 sq.cm (v) 1568.57 sq.cm
- 20. If the radius of a cylinder is 20.00 cm and L.S.A is 2137.14 sq.cm, its volume is



(i) 20071.43 cu.cm (ii) 23771.43 cu.cm (iii) 21771.43 cu.cm (iv) 21371.43 cu.cm (v) 20171.43 cu.cm

21. If the radius of a cylinder is 5.00 cm and T.S.A is 471.43 sq.cm, its height is



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

22. If the radius of a cylinder is 15.00 cm and T.S.A is 3300.00 sq.cm, its base area is



(i) 715.14 sq.cm (ii) 690.14 sq.cm (iii) 707.14 sq.cm (iv) 723.14 sq.cm (v) 679.14 sq.cm

23. If the radius of a cylinder is 10.00 cm and T.S.A is 1634.29 sq.cm, its L.S.A. is



(i) 845.71 sq.cm (ii) 1005.71 sq.cm (iii) 1165.71 sq.cm (iv) 1135.71 sq.cm (v) 935.71 sq.cm

24. If the radius of a cylinder is 9.00 cm and T.S.A is 1131.43 sq.cm, its volume is



(i) 2920.29 cu.cm (ii) 2630.29 cu.cm (iii) 2950.29 cu.cm (iv) 2800.29 cu.cm (v) 2640.29 cu.cm

25. If the radius of a cylinder is 9.00 cm and volume is 2291.14 cu.cm, its height is



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

26. If the radius of a cylinder is 11.00 cm and volume is 1901.43 cu.cm, its base area is



(i) 382.29 sq.cm (ii) 380.29 sq.cm (iii) 396.29 sq.cm (iv) 365.29 sq.cm (v) 354.29 sq.cm

27. If the radius of a cylinder is 16.00 cm and volume is 4827.43 cu.cm, its L.S.A. is

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- (i) 626.43 sq.cm (ii) 585.43 sq.cm (iii) 607.43 sq.cm (iv) 590.43 sq.cm (v) 603.43 sq.cm
- 28. If the radius of a cylinder is 17.00 cm and volume is 16349.14 cu.cm, its T.S.A is



- (i) 3520.00 sq.cm (ii) 3680.00 sq.cm (iii) 3990.00 sq.cm (iv) 3740.00 sq.cm (v) 3900.00 sq.cm
- 29. If the height of a cylinder is 16.00 cm and base area is 1257.14 sq.cm, its radius is



- (i) 25.00 cm (ii) 15.00 cm (iii) 17.00 cm (iv) 23.00 cm (v) 20.00 cm
- 30. If the height of a cylinder is 12.00 cm and base area is 314.29 sq.cm, its L.S.A. is



(i) 738.29 sq.cm (ii) 754.29 sq.cm (iii) 772.29 sq.cm (iv) 739.29 sq.cm (v) 771.29 sq.cm

31. If the height of a cylinder is 10.00 cm and base area is 314.29 sq.cm, its T.S.A is



(i) 1257.14 sq.cm (ii) 1227.14 sq.cm (iii) 1007.14 sq.cm (iv) 1477.14 sq.cm (v) 1327.14 sq.cm

32. If the height of a cylinder is 20.00 cm and base area is 804.57 sq.cm, its volume is



(i) 16091.43 cu.cm (ii) 14591.43 cu.cm (iii) 17391.43 cu.cm (iv) 15791.43 cu.cm (v) 18491.43 cu.cm

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

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