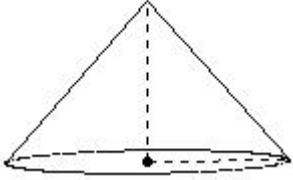


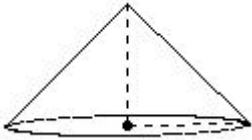
EduSahara™ Learning Center Assignment**Grade : Class IX, SSC****Chapter : Surface areas and Volumes****Name : Cones**

-
1. If the base radius of a cone is 7.00 cm and vertical height is 8.00 cm, its slant height is



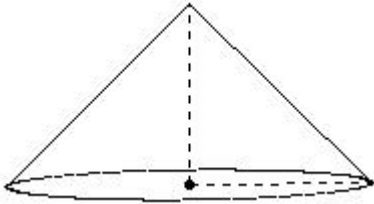
- (i) 7.63 cm (ii) 5.63 cm (iii) 15.63 cm (iv) 13.63 cm (v) 10.63 cm

-
2. If the base radius of a cone is 6.00 cm and vertical height is 6.00 cm, its L.S.A. is



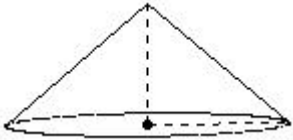
- (i) 160.10 sq.cm (ii) 132.10 sq.cm (iii) 184.10 sq.cm (iv) 163.10 sq.cm (v) 156.10 sq.cm

-
3. If the base radius of a cone is 9.00 cm and vertical height is 9.00 cm, its base area is



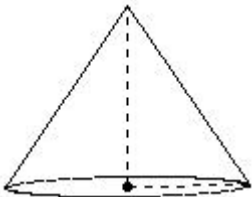
- (i) 260.57 sq.cm (ii) 242.57 sq.cm (iii) 277.57 sq.cm (iv) 246.57 sq.cm (v) 254.57 sq.cm

-
4. If the base radius of a cone is 7.00 cm and vertical height is 6.00 cm, its T.S.A is



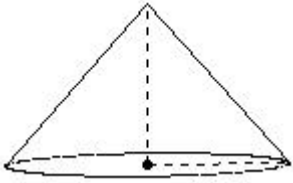
- (i) 382.84 sq.cm (ii) 340.84 sq.cm (iii) 356.84 sq.cm (iv) 348.84 sq.cm (v) 359.84 sq.cm

-
5. If the base radius of a cone is 6.00 cm and vertical height is 9.00 cm, its volume is



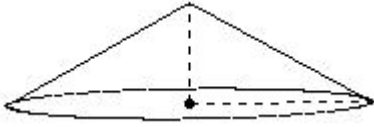
- (i) 339.43 cu.cm (ii) 316.43 cu.cm (iii) 361.43 cu.cm (iv) 345.43 cu.cm (v) 323.43 cu.cm

-
6. If the slant height of a cone is 10.63 cm and vertical height is 8.00 cm, its base radius is



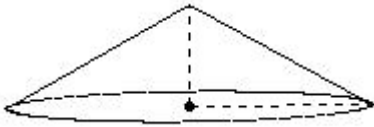
- (i) 8.00 cm (ii) 6.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 5.00 cm
-

7. If the slant height of a cone is 10.30 cm and vertical height is 5.00 cm, its L.S.A. is



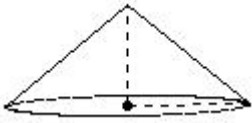
- (i) 316.34 sq.cm (ii) 283.34 sq.cm (iii) 291.34 sq.cm (iv) 268.34 sq.cm (v) 305.34 sq.cm
-

8. If the slant height of a cone is 10.30 cm and vertical height is 5.00 cm, its base area is



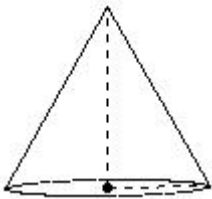
- (i) 278.57 sq.cm (ii) 239.57 sq.cm (iii) 246.57 sq.cm (iv) 271.57 sq.cm (v) 254.57 sq.cm
-

9. If the slant height of a cone is 7.81 cm and vertical height is 5.00 cm, its T.S.A is



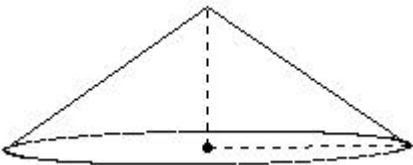
- (i) 277.42 sq.cm (ii) 275.42 sq.cm (iii) 260.42 sq.cm (iv) 237.42 sq.cm (v) 256.42 sq.cm
-

10. If the slant height of a cone is 10.30 cm and vertical height is 9.00 cm, its volume is



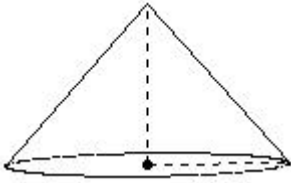
- (i) 248.71 cu.cm (ii) 235.71 cu.cm (iii) 227.71 cu.cm (iv) 210.71 cu.cm (v) 251.71 cu.cm
-

11. If the base radius of a cone is 10.00 cm and slant height is 12.21 cm, its vertical height is



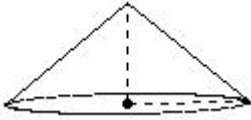
- (i) 5.00 cm (ii) 6.00 cm (iii) 8.00 cm (iv) 9.00 cm (v) 7.00 cm
-

12. If the base radius of a cone is 7.00 cm and slant height is 10.63 cm, its L.S.A. is



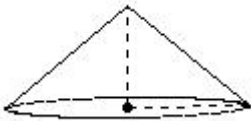
- (i) 249.86 sq.cm (ii) 209.86 sq.cm (iii) 251.86 sq.cm (iv) 228.86 sq.cm (v) 233.86 sq.cm

13. If the base radius of a cone is 6.00 cm and slant height is 7.81 cm, its base area is



- (i) 96.14 sq.cm (ii) 131.14 sq.cm (iii) 98.14 sq.cm (iv) 119.14 sq.cm (v) 113.14 sq.cm

14. If the base radius of a cone is 6.00 cm and slant height is 7.81 cm, its T.S.A is



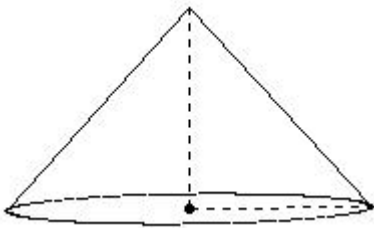
- (i) 235.42 sq.cm (ii) 262.42 sq.cm (iii) 243.42 sq.cm (iv) 274.42 sq.cm (v) 260.42 sq.cm

15. If the base radius of a cone is 8.00 cm and slant height is 9.43 cm, its volume is



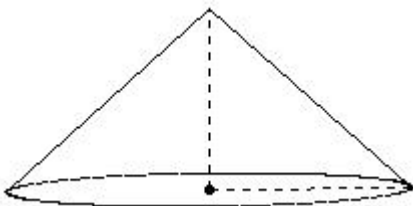
- (i) 318.24 cu.cm (ii) 343.24 cu.cm (iii) 352.24 cu.cm (iv) 320.24 cu.cm (v) 335.24 cu.cm

16. If the base radius of a cone is 9.00 cm and L.S.A is 380.44 sq.cm, its vertical height is



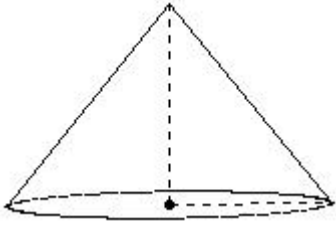
- (i) 5.00 cm (ii) 13.00 cm (iii) 7.00 cm (iv) 15.00 cm (v) 10.00 cm

17. If the base radius of a cone is 10.00 cm and L.S.A is 422.71 sq.cm, its slant height is



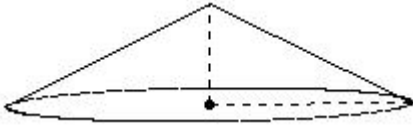
- (i) 8.45 cm (ii) 13.45 cm (iii) 16.45 cm (iv) 18.45 cm (v) 10.45 cm

18. If the base radius of a cone is 8.00 cm and L.S.A is 322.08 sq.cm, its base area is



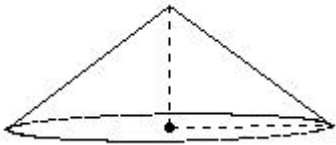
- (i) 223.14 sq.cm (ii) 205.14 sq.cm (iii) 198.14 sq.cm (iv) 201.14 sq.cm (v) 178.14 sq.cm

19. If the base radius of a cone is 10.00 cm and L.S.A is 351.37 sq.cm, its T.S.A is



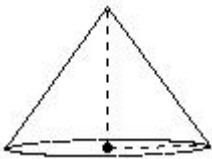
- (i) 650.66 sq.cm (ii) 652.66 sq.cm (iii) 679.66 sq.cm (iv) 673.66 sq.cm (v) 665.66 sq.cm

20. If the base radius of a cone is 8.00 cm and L.S.A is 251.43 sq.cm, its volume is



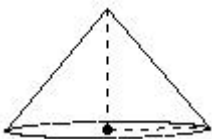
- (i) 388.29 cu.cm (ii) 410.29 cu.cm (iii) 384.29 cu.cm (iv) 402.29 cu.cm (v) 418.29 cu.cm

21. If the slant height of a cone is 8.60 cm and L.S.A is 135.14 sq.cm, its base radius is



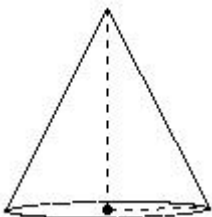
- (i) 3.00 cm (ii) 4.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 6.00 cm

22. If the slant height of a cone is 7.81 cm and L.S.A is 122.73 sq.cm, its vertical height is



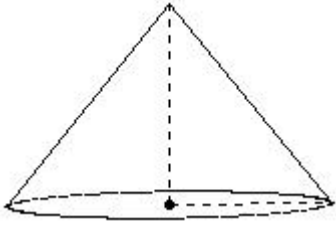
- (i) 8.00 cm (ii) 7.00 cm (iii) 5.00 cm (iv) 4.00 cm (v) 6.00 cm

23. If the slant height of a cone is 11.18 cm and L.S.A is 175.69 sq.cm, its base area is



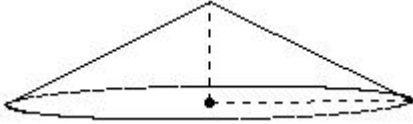
- (i) 73.57 sq.cm (ii) 83.57 sq.cm (iii) 78.57 sq.cm (iv) 81.57 sq.cm (v) 75.57 sq.cm

24. If the slant height of a cone is 12.81 cm and L.S.A is 322.08 sq.cm, its T.S.A is



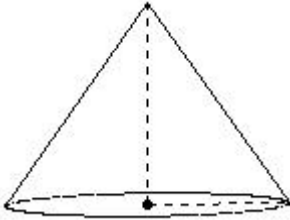
- (i) 523.22 sq.cm (ii) 516.22 sq.cm (iii) 508.22 sq.cm (iv) 526.22 sq.cm (v) 535.22 sq.cm

25. If the slant height of a cone is 11.18 cm and L.S.A is 351.37 sq.cm, its volume is



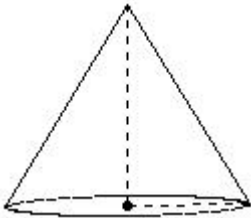
- (i) 539.81 cu.cm (ii) 523.81 cu.cm (iii) 538.81 cu.cm (iv) 515.81 cu.cm (v) 499.81 cu.cm

26. If the base radius of a cone is 7.00 cm and T.S.A is 422.62 sq.cm, its vertical height is



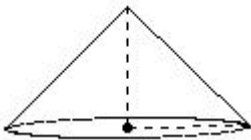
- (i) 13.00 cm (ii) 7.00 cm (iii) 5.00 cm (iv) 15.00 cm (v) 10.00 cm

27. If the base radius of a cone is 6.00 cm and T.S.A is 333.02 sq.cm, its slant height is



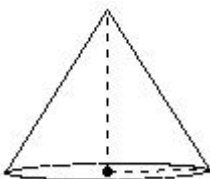
- (i) 6.66 cm (ii) 14.66 cm (iii) 8.66 cm (iv) 11.66 cm (v) 16.66 cm

28. If the base radius of a cone is 6.00 cm and T.S.A is 273.24 sq.cm, its L.S.A. is



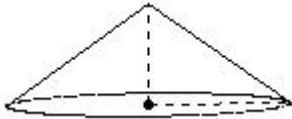
- (i) 134.10 sq.cm (ii) 145.10 sq.cm (iii) 183.10 sq.cm (iv) 160.10 sq.cm (v) 162.10 sq.cm

29. If the base radius of a cone is 5.00 cm and T.S.A is 226.76 sq.cm, its base area is



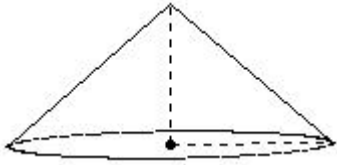
- (i) 81.57 sq.cm (ii) 75.57 sq.cm (iii) 73.57 sq.cm (iv) 83.57 sq.cm (v) 78.57 sq.cm

30. If the base radius of a cone is 7.00 cm and T.S.A is 343.20 sq.cm, its volume is



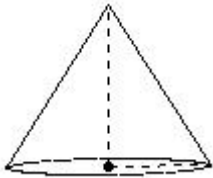
- (i) 256.67 cu.cm (ii) 233.67 cu.cm (iii) 282.67 cu.cm (iv) 239.67 cu.cm (v) 261.67 cu.cm

31. If the slant height of a cone is 10.63 cm and T.S.A is 468.41 sq.cm, its base radius is



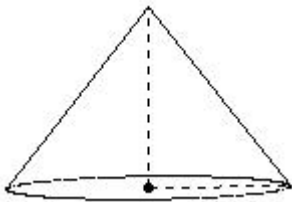
- (i) 9.00 cm (ii) 6.00 cm (iii) 7.00 cm (iv) 10.00 cm (v) 8.00 cm

32. If the slant height of a cone is 9.43 cm and T.S.A is 226.76 sq.cm, its vertical height is



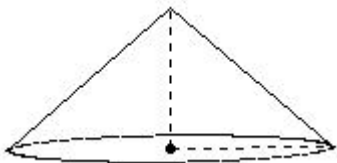
- (i) 8.00 cm (ii) 9.00 cm (iii) 7.00 cm (iv) 10.00 cm (v) 6.00 cm

33. If the slant height of a cone is 11.40 cm and T.S.A is 404.80 sq.cm, its L.S.A. is



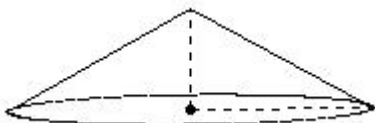
- (i) 237.80 sq.cm (ii) 236.80 sq.cm (iii) 250.80 sq.cm (iv) 257.80 sq.cm (v) 278.80 sq.cm

34. If the slant height of a cone is 10.63 cm and T.S.A is 468.41 sq.cm, its base area is



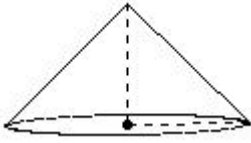
- (i) 207.14 sq.cm (ii) 224.14 sq.cm (iii) 201.14 sq.cm (iv) 198.14 sq.cm (v) 179.14 sq.cm

35. If the slant height of a cone is 10.30 cm and T.S.A is 545.91 sq.cm, its volume is



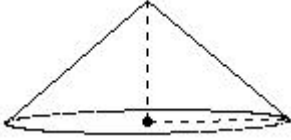
- (i) 401.29 cu.cm (ii) 424.29 cu.cm (iii) 440.29 cu.cm (iv) 428.29 cu.cm (v) 409.29 cu.cm

36. If the base radius of a cone is 6.00 cm and volume is 226.29 cu.cm, its vertical height is



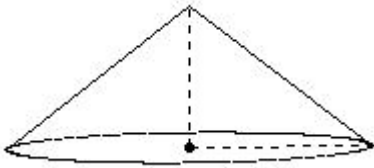
- (i) 8.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 4.00 cm (v) 6.00 cm

37. If the base radius of a cone is 7.00 cm and volume is 308.00 cu.cm, its slant height is



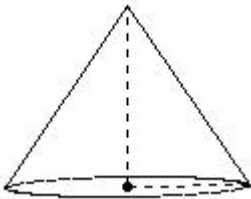
- (i) 11.22 cm (ii) 9.22 cm (iii) 8.22 cm (iv) 7.22 cm (v) 10.22 cm

38. If the base radius of a cone is 9.00 cm and volume is 594.00 cu.cm, its L.S.A. is



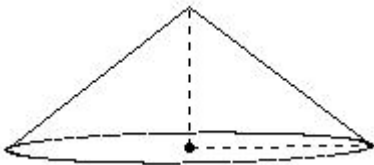
- (i) 329.46 sq.cm (ii) 322.46 sq.cm (iii) 317.46 sq.cm (iv) 336.46 sq.cm (v) 306.46 sq.cm

39. If the base radius of a cone is 6.00 cm and volume is 339.43 cu.cm, its base area is



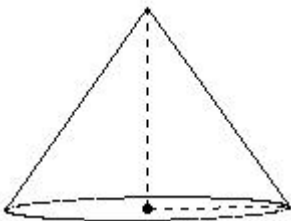
- (i) 113.14 sq.cm (ii) 101.14 sq.cm (iii) 105.14 sq.cm (iv) 130.14 sq.cm

40. If the base radius of a cone is 9.00 cm and volume is 594.00 cu.cm, its T.S.A is



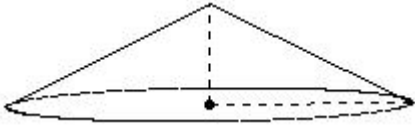
- (i) 590.03 sq.cm (ii) 577.03 sq.cm (iii) 563.03 sq.cm (iv) 562.03 sq.cm

41. If the vertical height of a cone is 10.00 cm and volume is 513.33 cu.cm, its base radius is



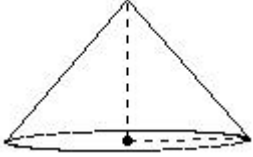
- (i) 5.00 cm (ii) 9.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 8.00 cm

42. If the vertical height of a cone is 5.00 cm and volume is 523.81 cu.cm, its slant height is



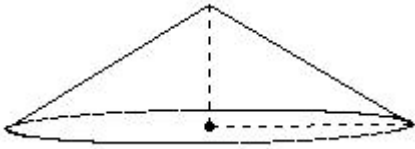
- (i) 6.18 cm (ii) 8.18 cm (iii) 16.18 cm (iv) 11.18 cm (v) 14.18 cm

43. If the vertical height of a cone is 7.00 cm and volume is 264.00 cu.cm, its L.S.A. is



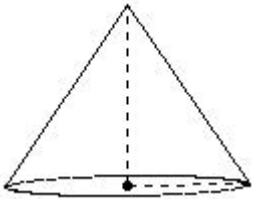
- (i) 179.86 sq.cm (ii) 173.86 sq.cm (iii) 196.86 sq.cm (iv) 145.86 sq.cm (v) 169.86 sq.cm

44. If the vertical height of a cone is 6.00 cm and volume is 628.57 cu.cm, its base area is



- (i) 308.29 sq.cm (ii) 314.29 sq.cm (iii) 296.29 sq.cm (iv) 327.29 sq.cm (v) 340.29 sq.cm

45. If the vertical height of a cone is 9.00 cm and volume is 339.43 cu.cm, its T.S.A is



- (i) 317.18 sq.cm (ii) 342.18 sq.cm (iii) 313.18 sq.cm (iv) 325.18 sq.cm (v) 294.18 sq.cm

Assignment Key

- 1) (v)
- 2) (i)
- 3) (v)
- 4) (iii)
- 5) (i)
- 6) (iv)
- 7) (iii)
- 8) (v)
- 9) (iii)
- 10) (ii)
- 11) (v)
- 12) (v)
- 13) (v)
- 14) (v)
- 15) (v)
- 16) (v)
- 17) (ii)
- 18) (iv)
- 19) (v)
- 20) (iv)
- 21) (iv)
- 22) (v)
- 23) (iii)
- 24) (i)
- 25) (ii)
- 26) (v)
- 27) (iv)
- 28) (iv)
- 29) (v)
- 30) (i)
- 31) (v)
- 32) (i)
- 33) (iii)
- 34) (iii)
- 35) (ii)
- 36) (v)
- 37) (ii)
- 38) (ii)
- 39) (i)
- 40) (ii)
- 41) (iii)
- 42) (iv)
- 43) (ii)
- 44) (ii)
- 45) (i)