EduSahara™ Assignment

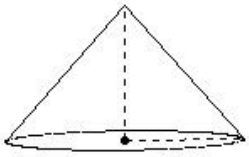
Name : Cone

Chapter : Surface Areas and Volumes

Grade : CBSE Grade IX

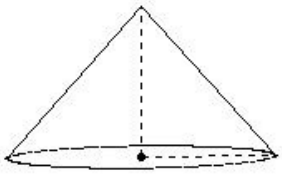
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1. If the base radius of a cone is 7.00 cm and vertical height is 8.00 cm, its slant height is



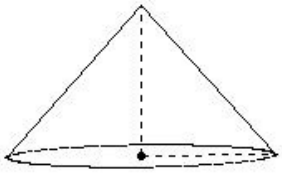
(i) 10.63 cm (ii) 13.63 cm (iii) 7.63 cm (iv) 5.63 cm (v) 15.63 cm

2. If the base radius of a cone is 8.00 cm and vertical height is 9.00 cm, its L.S.A. is



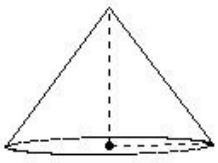
(i) 302.72 sq.cm (ii) 300.72 sq.cm (iii) 287.72 sq.cm (iv) 315.72 sq.cm (v) 306.72 sq.cm

3. If the base radius of a cone is 8.00 cm and vertical height is 9.00 cm, its base area is



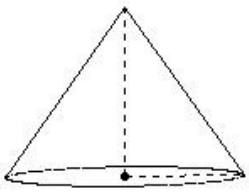
(i) 214.14 sq.cm (ii) 186.14 sq.cm (iii) 195.14 sq.cm (iv) 201.14 sq.cm

4. If the base radius of a cone is 6.00 cm and vertical height is 8.00 cm, its T.S.A is



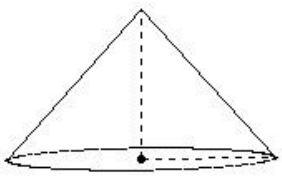
(i) 318.71 sq.cm (ii) 329.71 sq.cm (iii) 284.71 sq.cm (iv) 296.71 sq.cm (v) 301.71 sq.cm

5. If the base radius of a cone is 7.00 cm and vertical height is 10.00 cm, its volume is



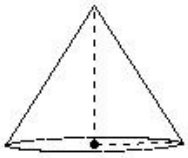
(i) 526.33 cu.cm (ii) 509.33 cu.cm (iii) 513.33 cu.cm (iv) 525.33 cu.cm (v) 490.33 cu.cm

6. If the slant height of a cone is 12.04 cm and vertical height is 9.00 cm, its base radius is



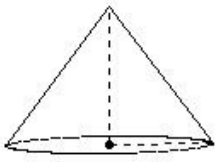
(i) 8.00 cm (ii) 6.00 cm (iii) 10.00 cm (iv) 7.00 cm (v) 9.00 cm

7. If the slant height of a cone is 9.43 cm and vertical height is 8.00 cm, its L.S.A. is



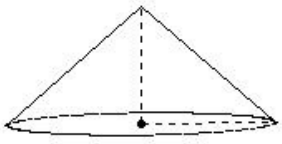
(i) 135.19 sq.cm (ii) 130.19 sq.cm (iii) 161.19 sq.cm (iv) 163.19 sq.cm (v) 148.19 sq.cm

8. If the slant height of a cone is 10.00 cm and vertical height is 8.00 cm, its base area is



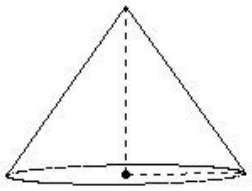
(i) 115.14 sq.cm (ii) 113.14 sq.cm (iii) 139.14 sq.cm (iv) 86.14 sq.cm (v) 101.14 sq.cm

9. If the slant height of a cone is 10.63 cm and vertical height is 7.00 cm, its T.S.A is



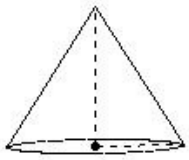
(i) 462.41 sq.cm (ii) 496.41 sq.cm (iii) 468.41 sq.cm (iv) 485.41 sq.cm (v) 454.41 sq.cm

10. If the slant height of a cone is 12.21 cm and vertical height is 10.00 cm, its volume is



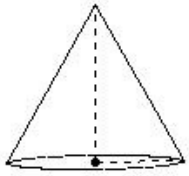
(i) 513.33 cu.cm (ii) 535.33 cu.cm (iii) 518.33 cu.cm (iv) 500.33 cu.cm (v) 486.33 cu.cm

11. If the base radius of a cone is 5.00 cm and slant height is 9.43 cm, its vertical height is



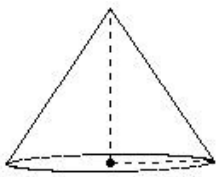
(i) 7.00 cm (ii) 6.00 cm (iii) 10.00 cm (iv) 9.00 cm (v) 8.00 cm

12. If the base radius of a cone is 5.00 cm and slant height is 10.30 cm, its L.S.A. is



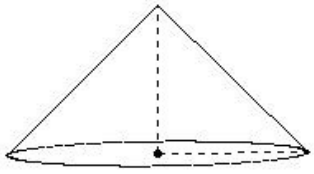
(i) 187.86 sq.cm (ii) 138.86 sq.cm (iii) 176.86 sq.cm (iv) 144.86 sq.cm (v) 161.86 sq.cm

13. If the base radius of a cone is 6.00 cm and slant height is 10.82 cm, its base area is



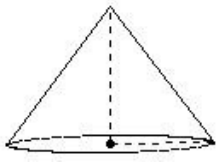
(i) 126.14 sq.cm (ii) 101.14 sq.cm (iii) 113.14 sq.cm (iv) 119.14 sq.cm

14. If the base radius of a cone is 9.00 cm and slant height is 12.73 cm, its T.S.A is



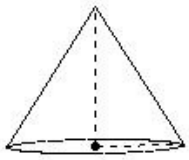
(i) 602.65 sq.cm (ii) 587.65 sq.cm (iii) 629.65 sq.cm (iv) 626.65 sq.cm (v) 614.65 sq.cm

15. If the base radius of a cone is 6.00 cm and slant height is 10.00 cm, its volume is



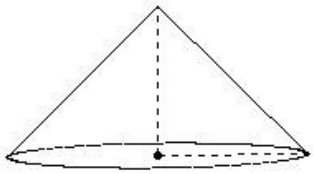
(i) 316.71 cu.cm (ii) 327.71 cu.cm (iii) 289.71 cu.cm (iv) 301.71 cu.cm (v) 274.71 cu.cm

16. If the base radius of a cone is 5.00 cm and L.S.A is 148.19 sq.cm, its vertical height is



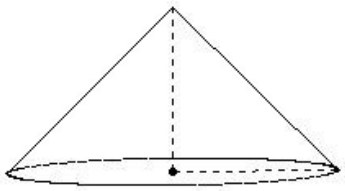
(i) 10.00 cm (ii) 6.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 8.00 cm

17. If the base radius of a cone is 9.00 cm and L.S.A is 360.08 sq.cm, its slant height is



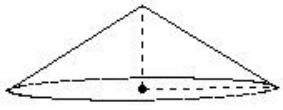
(i) 9.73 cm (ii) 7.73 cm (iii) 17.73 cm (iv) 12.73 cm (v) 15.73 cm

18. If the base radius of a cone is 10.00 cm and L.S.A is 444.40 sq.cm, its base area is



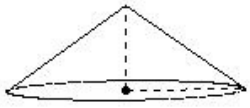
(i) 327.29 sq.cm (ii) 316.29 sq.cm (iii) 308.29 sq.cm (iv) 291.29 sq.cm (v) 314.29 sq.cm

19. If the base radius of a cone is 8.00 cm and L.S.A is 237.10 sq.cm, its T.S.A is



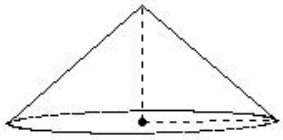
(i) 441.24 sq.cm (ii) 466.24 sq.cm (iii) 433.24 sq.cm (iv) 438.24 sq.cm (v) 421.24 sq.cm

20. If the base radius of a cone is 7.00 cm and L.S.A is 189.20 sq.cm, its volume is



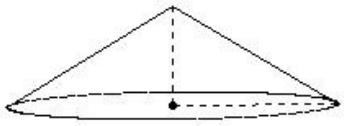
(i) 256.67 cu.cm (ii) 260.67 cu.cm (iii) 273.67 cu.cm (iv) 238.67 cu.cm

21. If the slant height of a cone is 10.63 cm and L.S.A is 267.27 sq.cm, its base radius is



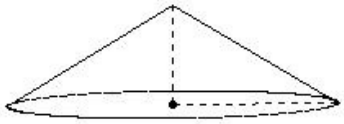
(i) 8.00 cm (ii) 9.00 cm (iii) 6.00 cm (iv) 10.00 cm (v) 7.00 cm

22. If the slant height of a cone is 11.66 cm and L.S.A is 366.46 sq.cm, its vertical height is



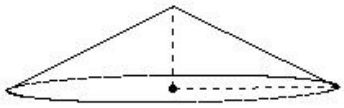
(i) 6.00 cm (ii) 8.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 4.00 cm

23. If the slant height of a cone is 11.66 cm and L.S.A is 366.46 sq.cm, its base area is



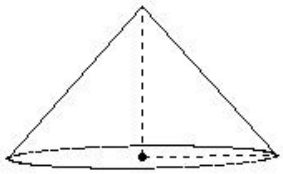
(i) 307.29 sq.cm (ii) 314.29 sq.cm (iii) 319.29 sq.cm (iv) 290.29 sq.cm (v) 328.29 sq.cm

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



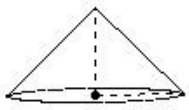
(i) 669.66 sq.cm (ii) 665.66 sq.cm (iii) 651.66 sq.cm (iv) 642.66 sq.cm (v) 683.66 sq.cm

25. If the slant height of a cone is 12.04 cm and L.S.A is 302.72 sq.cm, its volume is



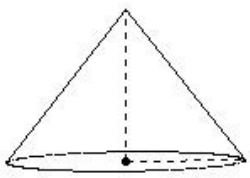
(i) 590.43 cu.cm (ii) 628.43 cu.cm (iii) 603.43 cu.cm (iv) 615.43 cu.cm

26. If the base radius of a cone is 5.00 cm and T.S.A is 189.67 sq.cm, its vertical height is



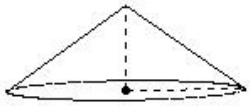
(i) 6.00 cm (ii) 7.00 cm (iii) 3.00 cm (iv) 5.00 cm (v) 4.00 cm

27. If the base radius of a cone is 7.00 cm and T.S.A is 404.80 sq.cm, its slant height is



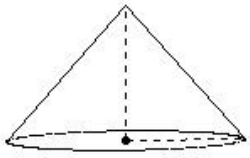
(i) 16.40 cm (ii) 8.40 cm (iii) 14.40 cm (iv) 11.40 cm (v) 6.40 cm

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



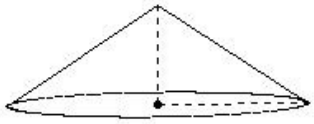
(i) 205.20 sq.cm (ii) 189.20 sq.cm (iii) 165.20 sq.cm (iv) 217.20 sq.cm (v) 186.20 sq.cm

29. If the base radius of a cone is 7.00 cm and T.S.A is 387.86 sq.cm, its base area is



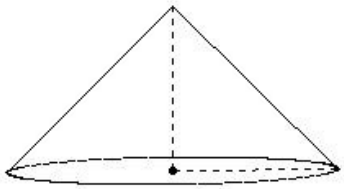
(i) 140.00 sq.cm (ii) 169.00 sq.cm (iii) 126.00 sq.cm (iv) 154.00 sq.cm (v) 167.00 sq.cm

30. If the base radius of a cone is 9.00 cm and T.S.A is 560.62 sq.cm, its volume is



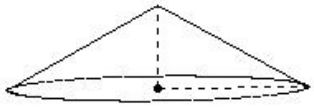
(i) 495.14 cu.cm (ii) 537.14 cu.cm (iii) 509.14 cu.cm (iv) 483.14 cu.cm (v) 521.14 cu.cm

31. If the slant height of a cone is 14.14 cm and T.S.A is 758.69 sq.cm, its base radius is



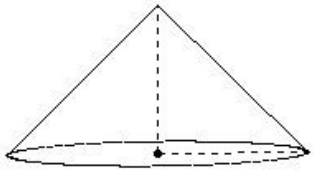
(i) 15.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 13.00 cm (v) 10.00 cm

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



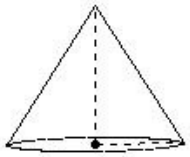
(i) 5.00 cm (ii) 4.00 cm (iii) 6.00 cm (iv) 3.00 cm (v) 7.00 cm

33. If the slant height of a cone is 12.73 cm and T.S.A is 614.65 sq.cm, its L.S.A. is



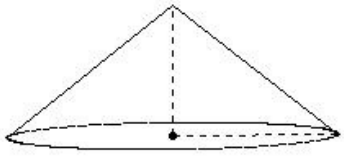
(i) 385.08 sq.cm (ii) 364.08 sq.cm (iii) 360.08 sq.cm (iv) 354.08 sq.cm (v) 338.08 sq.cm

34. If the slant height of a cone is 9.43 cm and T.S.A is 226.76 sq.cm, its base area is



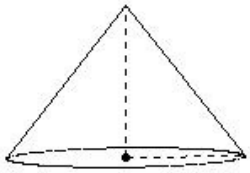
(i) 73.57 sq.cm (ii) 78.57 sq.cm (iii) 75.57 sq.cm (iv) 83.57 sq.cm (v) 81.57 sq.cm

35. If the slant height of a cone is 12.81 cm and T.S.A is 716.89 sq.cm, its volume is



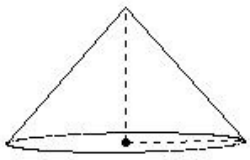
(i) 810.10 cu.cm (ii) 850.10 cu.cm (iii) 838.10 cu.cm (iv) 835.10 cu.cm (v) 854.10 cu.cm

36. If the base radius of a cone is 7.00 cm and volume is 462.00 cu.cm, its vertical height is



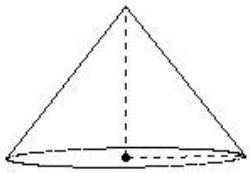
(i) 8.00 cm (ii) 7.00 cm (iii) 10.00 cm (iv) 9.00 cm (v) 11.00 cm

37. If the base radius of a cone is 7.00 cm and volume is 410.67 cu.cm, its slant height is



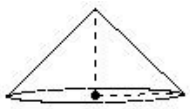
(i) 5.63 cm (ii) 10.63 cm (iii) 15.63 cm (iv) 7.63 cm (v) 13.63 cm

38. If the base radius of a cone is 7.00 cm and volume is 462.00 cu.cm, its L.S.A. is



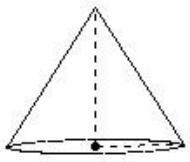
(i) 250.80 sq.cm (ii) 266.80 sq.cm (iii) 238.80 sq.cm (iv) 267.80 sq.cm (v) 223.80 sq.cm

39. If the base radius of a cone is 5.00 cm and volume is 130.95 cu.cm, its base area is



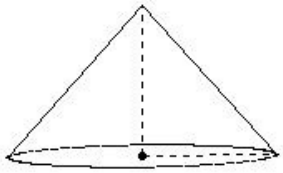
(i) 73.57 sq.cm (ii) 78.57 sq.cm (iii) 81.57 sq.cm (iv) 75.57 sq.cm (v) 83.57 sq.cm

40. If the base radius of a cone is 5.00 cm and volume is 209.52 cu.cm, its T.S.A is



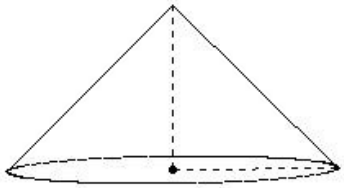
(i) 210.76 sq.cm (ii) 244.76 sq.cm (iii) 203.76 sq.cm (iv) 226.76 sq.cm (v) 251.76 sq.cm

41. If the vertical height of a cone is 9.00 cm and volume is 603.43 cu.cm, its base radius is



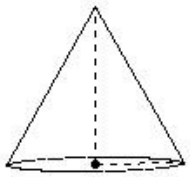
(i) 9.00 cm (ii) 8.00 cm (iii) 10.00 cm (iv) 7.00 cm (v) 6.00 cm

42. If the vertical height of a cone is 10.00 cm and volume is 1047.62 cu.cm, its slant height is



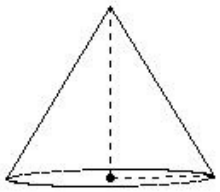
(i) 9.14 cm (ii) 17.14 cm (iii) 14.14 cm (iv) 19.14 cm (v) 11.14 cm

43. If the vertical height of a cone is 9.00 cm and volume is 235.71 cu.cm, its L.S.A. is



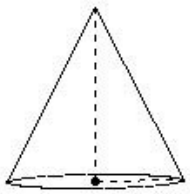
(i) 188.86 sq.cm (ii) 161.86 sq.cm (iii) 179.86 sq.cm (iv) 154.86 sq.cm (v) 139.86 sq.cm

44. If the vertical height of a cone is 10.00 cm and volume is 377.14 cu.cm, its base area is



(i) 97.14 sq.cm (ii) 113.14 sq.cm (iii) 126.14 sq.cm (iv) 129.14 sq.cm (v) 108.14 sq.cm

45. If the vertical height of a cone is 10.00 cm and volume is 261.90 cu.cm, its T.S.A is



(i) 238.26 sq.cm (ii) 269.26 sq.cm (iii) 254.26 sq.cm (iv) 262.26 sq.cm

Assignment Key

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

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