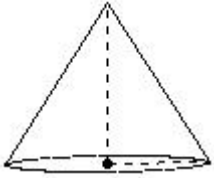


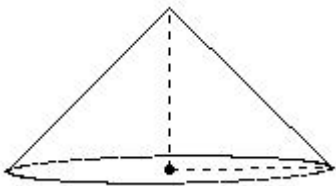
EduSahara™ Learning Center Assignment**Grade : Class X, SSC****Chapter : Mensuration****Name : Cone**

1. If the base radius of a cone is 5.00 cm and vertical height is 8.00 cm, its slant height is



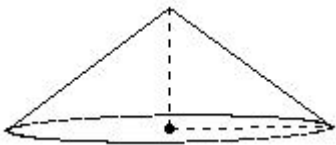
- (i) 10.43 cm (ii) 9.43 cm (iii) 7.43 cm (iv) 8.43 cm (v) 11.43 cm

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



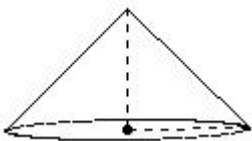
- (i) 284.37 sq.cm (ii) 256.37 sq.cm (iii) 272.37 sq.cm (iv) 300.37 sq.cm (v) 297.37 sq.cm

3. If the base radius of a cone is 8.00 cm and vertical height is 6.00 cm, its base area is



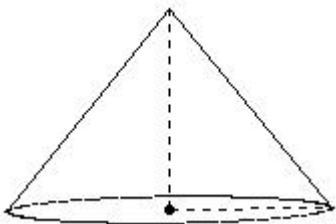
- (i) 188.14 sq.cm (ii) 201.14 sq.cm (iii) 194.14 sq.cm (iv) 217.14 sq.cm (v) 205.14 sq.cm

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



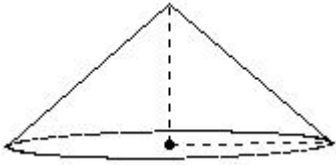
- (i) 268.24 sq.cm (ii) 290.24 sq.cm (iii) 273.24 sq.cm (iv) 296.24 sq.cm (v) 257.24 sq.cm

5. If the base radius of a cone is 8.00 cm and vertical height is 10.00 cm, its volume is



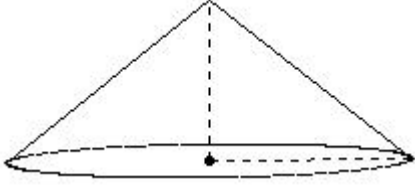
- (i) 662.48 cu.cm (ii) 657.48 cu.cm (iii) 670.48 cu.cm (iv) 674.48 cu.cm (v) 698.48 cu.cm

6. If the slant height of a cone is 10.63 cm and vertical height is 7.00 cm, its base radius is



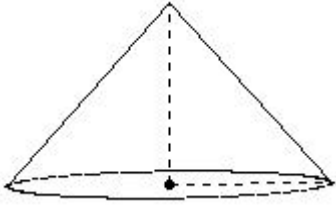
- (i) 6.00 cm (ii) 8.00 cm (iii) 9.00 cm (iv) 10.00 cm (v) 7.00 cm

7. If the slant height of a cone is 12.81 cm and vertical height is 8.00 cm, its L.S.A. is



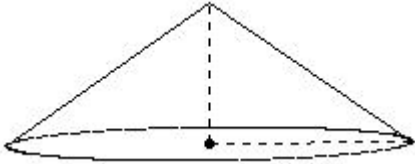
- (i) 414.60 sq.cm (ii) 387.60 sq.cm (iii) 402.60 sq.cm (iv) 385.60 sq.cm (v) 410.60 sq.cm

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



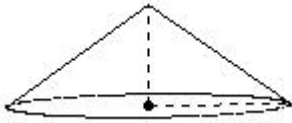
- (i) 228.14 sq.cm (ii) 185.14 sq.cm (iii) 201.14 sq.cm (iv) 203.14 sq.cm (v) 183.14 sq.cm

9. If the slant height of a cone is 12.21 cm and vertical height is 7.00 cm, its T.S.A is



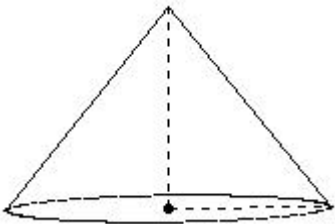
- (i) 672.03 sq.cm (ii) 705.03 sq.cm (iii) 698.03 sq.cm (iv) 692.03 sq.cm (v) 720.03 sq.cm

10. If the slant height of a cone is 8.60 cm and vertical height is 5.00 cm, its volume is



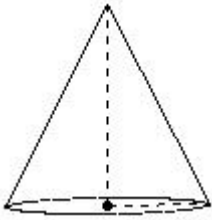
- (i) 274.67 cu.cm (ii) 270.67 cu.cm (iii) 256.67 cu.cm (iv) 244.67 cu.cm (v) 243.67 cu.cm

11. If the base radius of a cone is 8.00 cm and slant height is 12.81 cm, its vertical height is



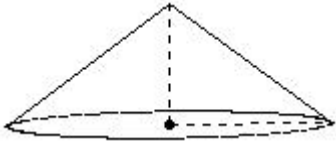
- (i) 7.00 cm (ii) 15.00 cm (iii) 5.00 cm (iv) 13.00 cm (v) 10.00 cm

12. If the base radius of a cone is 5.00 cm and slant height is 11.18 cm, its L.S.A. is



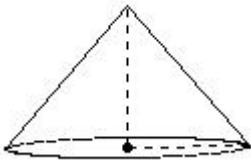
- (i) 175.69 sq.cm (ii) 177.69 sq.cm (iii) 162.69 sq.cm (iv) 200.69 sq.cm

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



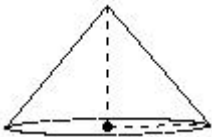
- (i) 196.14 sq.cm (ii) 201.14 sq.cm (iii) 215.14 sq.cm (iv) 175.14 sq.cm (v) 228.14 sq.cm

14. If the base radius of a cone is 6.00 cm and slant height is 9.22 cm, its T.S.A is



- (i) 287.01 sq.cm (ii) 285.01 sq.cm (iii) 313.01 sq.cm (iv) 301.01 sq.cm (v) 270.01 sq.cm

15. If the base radius of a cone is 5.00 cm and slant height is 7.81 cm, its volume is



- (i) 163.14 cu.cm (ii) 185.14 cu.cm (iii) 157.14 cu.cm (iv) 140.14 cu.cm

Assignment Key

- 1) (ii)
- 2) (i)
- 3) (ii)
- 4) (iii)
- 5) (iii)
- 6) (ii)
- 7) (iii)
- 8) (iii)
- 9) (iii)
- 10) (iii)
- 11) (v)
- 12) (i)
- 13) (ii)
- 14) (i)
- 15) (iii)