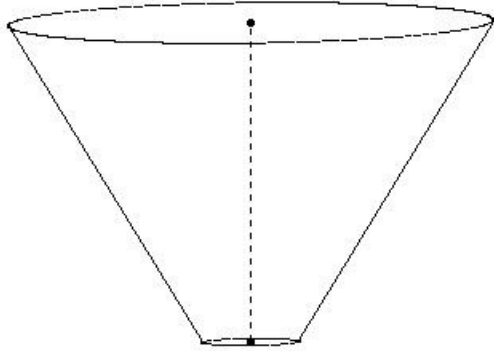


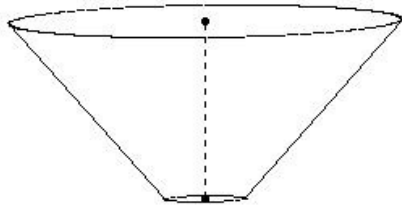


1. The radii of the ends of a frustum of a right circular cone 20.00 cm high are 15.00 cm and 3.00 cm. Its slant height is



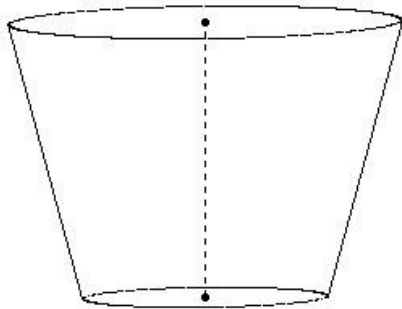
(i) 26.32 cm (ii) 18.32 cm (iii) 23.32 cm (iv) 28.32 cm (v) 20.32 cm

2. The radii of the ends of a frustum of a right circular cone 11.00 cm high are 12.00 cm and 2.50 cm. Its curved surface area is



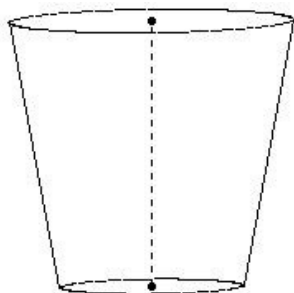
(i) 639.36 sq.cm (ii) 690.36 sq.cm (iii) 654.36 sq.cm (iv) 662.36 sq.cm (v) 667.36 sq.cm

3. The radii of the ends of a frustum of a right circular cone 17.00 cm high are 12.00 cm and 7.50 cm. Its total surface area is



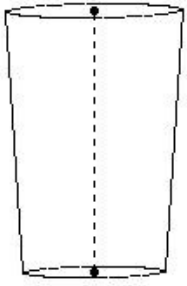
(i) 1947.10 sq.cm (ii) 1837.10 sq.cm (iii) 1437.10 sq.cm (iv) 1557.10 sq.cm (v) 1707.10 sq.cm

4. The radii of the ends of a frustum of a right circular cone 16.00 cm high are 8.50 cm and 5.50 cm. Its volume is



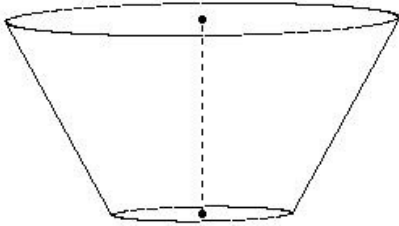
(i) 2241.71 cu.cm (ii) 2561.71 cu.cm (iii) 2501.71 cu.cm (iv) 2351.71 cu.cm (v) 2681.71 cu.cm

5. The radii of the ends of a frustum of a right circular cone 15.00 cm high are 5.00 cm and 4.00 cm. Its slant height is



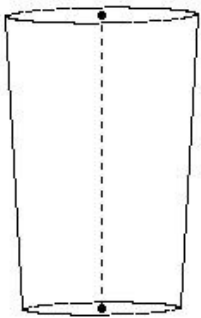
(i) 18.03 cm (ii) 10.03 cm (iii) 20.03 cm (iv) 12.03 cm (v) 15.03 cm

6. The radii of the ends of a frustum of a right circular cone 12.00 cm high are 12.00 cm and 5.50 cm. Its curved surface area is



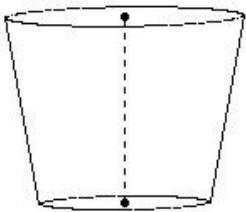
(i) 765.60 sq.cm (ii) 767.60 sq.cm (iii) 726.60 sq.cm (iv) 750.60 sq.cm (v) 734.60 sq.cm

7. The radii of the ends of a frustum of a right circular cone 17.00 cm high are 5.50 cm and 4.50 cm. Its total surface area is



(i) 669.92 sq.cm (ii) 686.92 sq.cm (iii) 718.92 sq.cm (iv) 710.92 sq.cm (v) 693.92 sq.cm

8. The radii of the ends of a frustum of a right circular cone 11.00 cm high are 7.00 cm and 5.00 cm. Its volume is



(i) 1256.10 cu.cm (ii) 1406.10 cu.cm (iii) 1516.10 cu.cm (iv) 1076.10 cu.cm (v) 1096.10 cu.cm

## Assignment Key

1) (iii)

2) (iv)

3) (v)

4) (iii)

5) (v)

6) (iv)

7) (v)

8) (i)

Copyright © Small Systems Computing Pvt. Ltd.