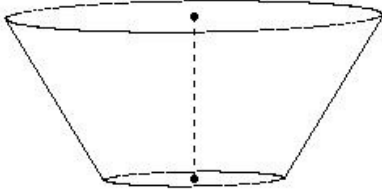


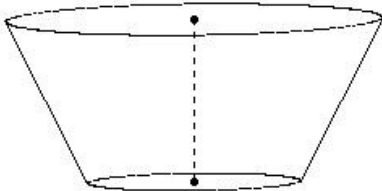


1. The radii of the ends of a frustum of a right circular cone 10.00 cm high are 11.50 cm and 5.50 cm. Its slant height is



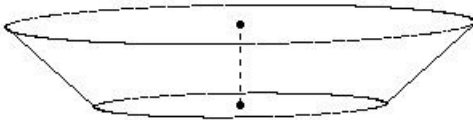
- (i) 6.66 cm (ii) 8.66 cm (iii) 11.66 cm (iv) 14.66 cm (v) 16.66 cm

2. The radii of the ends of a frustum of a right circular cone 10.00 cm high are 11.50 cm and 6.50 cm. Its curved surface area is



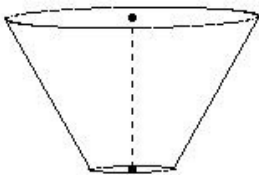
- (i) 608.49 sq.cm (ii) 632.49 sq.cm (iii) 616.49 sq.cm (iv) 647.49 sq.cm (v) 649.49 sq.cm

3. The radii of the ends of a frustum of a right circular cone 5.00 cm high are 14.50 cm and 9.00 cm. Its total surface area is



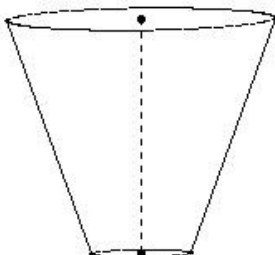
- (i) 1644.34 sq.cm (ii) 1634.34 sq.cm (iii) 1304.34 sq.cm (iv) 1464.34 sq.cm (v) 1284.34 sq.cm

4. The radii of the ends of a frustum of a right circular cone 9.00 cm high are 7.50 cm and 2.50 cm. Its volume is



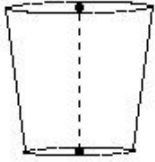
- (i) 750.07 cu.cm (ii) 782.07 cu.cm (iii) 766.07 cu.cm (iv) 773.07 cu.cm (v) 748.07 cu.cm

5. The radii of the ends of a frustum of a right circular cone 14.00 cm high are 8.00 cm and 3.00 cm. Its slant height is



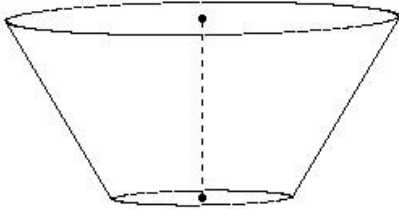
- (i) 9.87 cm (ii) 11.87 cm (iii) 19.87 cm (iv) 14.87 cm (v) 17.87 cm

6. The radii of the ends of a frustum of a right circular cone 8.00 cm high are 4.00 cm and 3.00 cm. Its curved surface area is



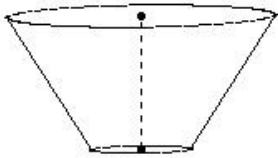
(i) 155.37 sq.cm (ii) 191.37 sq.cm (iii) 203.37 sq.cm (iv) 177.37 sq.cm (v) 164.37 sq.cm

7. The radii of the ends of a frustum of a right circular cone 11.00 cm high are 12.00 cm and 5.50 cm. Its total surface area is



(i) 1110.37 sq.cm (ii) 1420.37 sq.cm (iii) 1530.37 sq.cm (iv) 1250.37 sq.cm (v) 1120.37 sq.cm

8. The radii of the ends of a frustum of a right circular cone 8.00 cm high are 8.00 cm and 3.00 cm. Its volume is



(i) 788.95 cu.cm (ii) 816.95 cu.cm (iii) 837.95 cu.cm (iv) 812.95 cu.cm (v) 795.95 cu.cm

Assignment Key

1) (iii)

2) (ii)

3) (iv)

4) (iii)

5) (iv)

6) (iv)

7) (iv)

8) (iv)

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