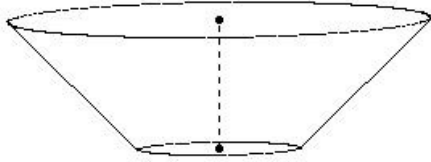


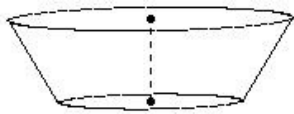


1. The radii of the ends of a frustum of a right circular cone 8.00 cm high are 13.00 cm and 5.00 cm. Its slant height is



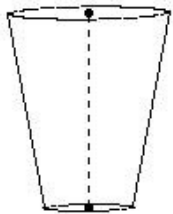
- (i) 8.31 cm (ii) 14.31 cm (iii) 11.31 cm (iv) 16.31 cm (v) 6.31 cm

2. The radii of the ends of a frustum of a right circular cone 5.00 cm high are 8.50 cm and 5.50 cm. Its curved surface area is



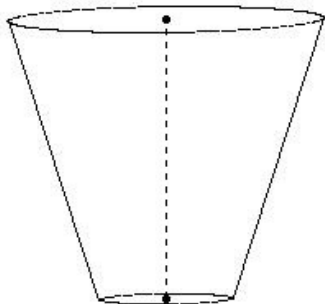
- (i) 242.56 sq.cm (ii) 241.56 sq.cm (iii) 263.56 sq.cm (iv) 256.56 sq.cm (v) 269.56 sq.cm

3. The radii of the ends of a frustum of a right circular cone 11.00 cm high are 4.50 cm and 2.50 cm. Its total surface area is



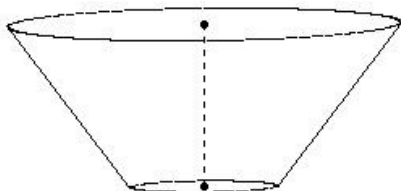
- (i) 356.25 sq.cm (ii) 314.25 sq.cm (iii) 329.25 sq.cm (iv) 323.25 sq.cm (v) 336.25 sq.cm

4. The radii of the ends of a frustum of a right circular cone 17.00 cm high are 9.50 cm and 4.00 cm. Its volume is



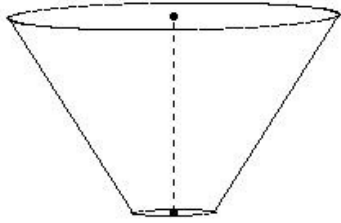
- (i) 2569.02 cu.cm (ii) 2299.02 cu.cm (iii) 2799.02 cu.cm (iv) 2449.02 cu.cm (v) 2589.02 cu.cm

5. The radii of the ends of a frustum of a right circular cone 10.00 cm high are 12.00 cm and 4.50 cm. Its slant height is



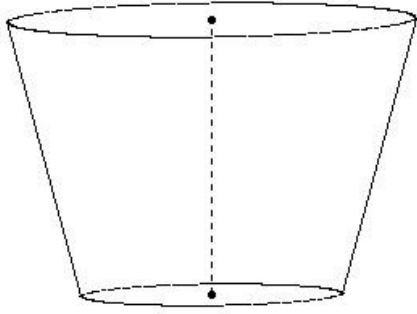
- (i) 7.50 cm (ii) 9.50 cm (iii) 12.50 cm (iv) 17.50 cm (v) 15.50 cm

6. The radii of the ends of a frustum of a right circular cone 12.00 cm high are 10.00 cm and 2.50 cm. Its curved surface area is



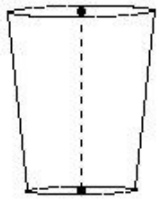
- (i) 550.93 sq.cm (ii) 579.93 sq.cm (iii) 563.93 sq.cm (iv) 555.93 sq.cm (v) 527.93 sq.cm

7. The radii of the ends of a frustum of a right circular cone 17.00 cm high are 12.50 cm and 8.00 cm. Its total surface area is



- (i) 1685.22 sq.cm (ii) 1965.22 sq.cm (iii) 1825.22 sq.cm (iv) 1575.22 sq.cm (v) 1855.22 sq.cm

8. The radii of the ends of a frustum of a right circular cone 10.00 cm high are 4.00 cm and 3.00 cm. Its volume is



- (i) 395.62 cu.cm (ii) 387.62 cu.cm (iii) 371.62 cu.cm (iv) 399.62 cu.cm (v) 383.62 cu.cm

Assignment Key

1) (iii)

2) (iv)

3) (iii)

4) (i)

5) (iii)

6) (iv)

7) (iii)

8) (ii)

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