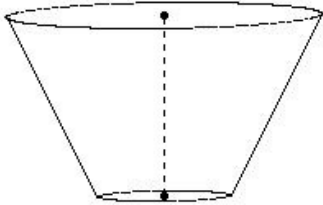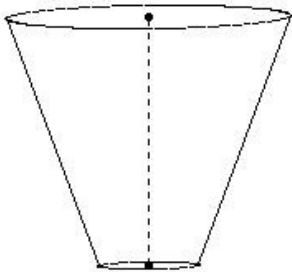1. The radii of the ends of a frustum of a right circular cone 11.00 cm high are 9.50 cm and 4.00 cm. Its slant height is
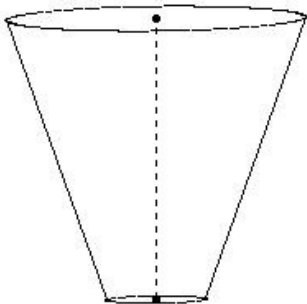

   (i) 7.30 cm   (ii) 15.30 cm   (iii) 9.30 cm   (iv) 12.30 cm   (v) 17.30 cm

2. The radii of the ends of a frustum of a right circular cone 15.00 cm high are 8.50 cm and 3.00 cm. Its curved surface area is
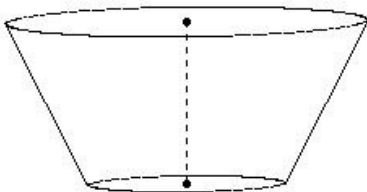

   (i) 590.44 sq.cm   (ii) 593.44 sq.cm   (iii) 577.44 sq.cm   (iv) 560.44 sq.cm   (v) 563.44 sq.cm

3. The radii of the ends of a frustum of a right circular cone 17.00 cm high are 9.00 cm and 3.00 cm. Its total surface area is
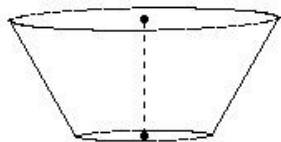

   (i) 950.76 sq.cm   (ii) 949.76 sq.cm   (iii) 962.76 sq.cm   (iv) 978.76 sq.cm   (v) 990.76 sq.cm

4. The radii of the ends of a frustum of a right circular cone 10.00 cm high are 11.00 cm and 6.00 cm. Its volume is
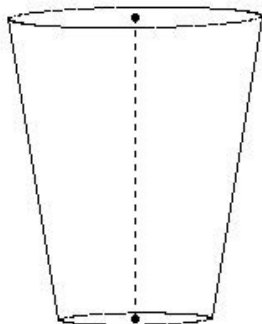

   (i) 2086.19 cu.cm   (ii) 2336.19 cu.cm   (iii) 2466.19 cu.cm   (iv) 2156.19 cu.cm

5. The radii of the ends of a frustum of a right circular cone 7.00 cm high are 8.00 cm and 4.00 cm. Its slant height is
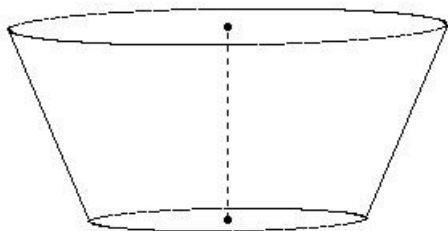

   (i) 7.06 cm (ii) 8.06 cm (iii) 9.06 cm (iv) 10.06 cm (v) 6.06 cm

6. The radii of the ends of a frustum of a right circular cone 18.00 cm high are 7.50 cm and 4.50 cm. Its curved surface area is
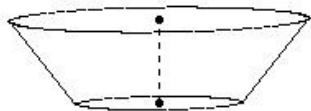

   (i) 676.22 sq.cm (ii) 672.22 sq.cm (iii) 688.22 sq.cm (iv) 703.22 sq.cm (v) 695.22 sq.cm

7. The radii of the ends of a frustum of a right circular cone 12.00 cm high are 13.50 cm and 8.50 cm. Its total surface area is

   (i) 1538.71 sq.cm (ii) 1528.71 sq.cm (iii) 1698.71 sq.cm (iv) 1918.71 sq.cm (v) 1848.71 sq.cm

8. The radii of the ends of a frustum of a right circular cone 5.00 cm high are 9.00 cm and 5.00 cm. Its volume is

   (i) 790.95 cu.cm (ii) 808.95 cu.cm (iii) 773.95 cu.cm (iv) 812.95 cu.cm (v) 775.95 cu.cm

Assignment Key

1) (iv)   2) (iii)   3) (iii)   4) (ii)   5) (ii)   6) (iii)

7) (iii)   8) (i)