

1. The radii of the ends of a frustum of a right circular cone 14.00 cm high are 12.50 cm and 4.50 cm. Its slant height is



- (i) 13.12 cm (ii) 11.12 cm (iii) 16.12 cm (iv) 19.12 cm (v) 21.12 cm
- 2. The radii of the ends of a frustum of a right circular cone 16.00 cm high are 7.00 cm and 2.50 cm. Its curved surface area is



(i) 483.25 sq.cm (ii) 511.25 sq.cm (iii) 496.25 sq.cm (iv) 504.25 sq.cm (v) 478.25 sq.cm

3. The radii of the ends of a frustum of a right circular cone 6.00 cm high are 8.00 cm and 6.00 cm. Its total surface area is



- (i) 578.57 sq.cm (ii) 592.57 sq.cm (iii) 600.57 sq.cm (iv) 607.57 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) 2501.71 cu.cm (ii) 2431.71 cu.cm (iii) 2621.71 cu.cm (iv) 2231.71 cu.cm (v) 2661.71 cu.cm

5. The radii of the ends of a frustum of a right circular cone 18.00 cm high are 13.00 cm and 7.50 cm. Its slant height is



6. The radii of the ends of a frustum of a right circular cone 7.00 cm high are 6.50 cm and 2.50 cm. Its curved surface area is



- (i) 214.05 sq.cm (ii) 246.05 sq.cm (iii) 228.05 sq.cm (iv) 211.05 sq.cm (v) 243.05 sq.cm
- 7. The radii of the ends of a frustum of a right circular cone 5.00 cm high are 6.00 cm and 3.00 cm. Its total surface area is



- (i) 334.36 sq.cm (ii) 306.36 sq.cm (iii) 314.36 sq.cm (iv) 293.36 sq.cm (v) 282.36 sq.cm
- 8. The radii of the ends of a frustum of a right circular cone 20.00 cm high are 14.00 cm and 4.00 cm. Its volume is



(i) 5615.24 cu.cm (ii) 5575.24 cu.cm (iii) 5795.24 cu.cm (iv) 5485.24 cu.cm (v) 5845.24 cu.cm

Assignment Key					
1) (iii)	2) (iii)	3) (ii)	4) (i)	5) (iv)	6) (iii)
7) (ii)	8) (i)				

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