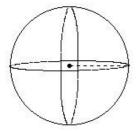
Name : Sphere

Chapter : Mensuration

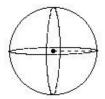
Grade: SSC Grade X

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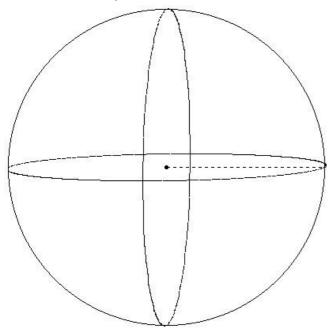
1. If the radius of a sphere is 7.00 cm, its L.S.A is



- (i) 598.00 sq.cm (ii) 643.00 sq.cm (iii) 616.00 sq.cm (iv) 601.00 sq.cm (v) 630.00 sq.cm
- 2. If the radius of a sphere is 5.00 cm, its T.S.A is

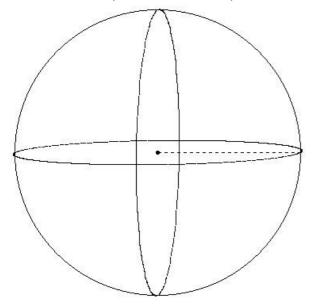


- (i) 301.29 sq.cm (ii) 314.29 sq.cm (iii) 321.29 sq.cm (iv) 336.29 sq.cm (v) 309.29 sq.cm
- 3. If the radius of a sphere is 20.00 cm, its volume is



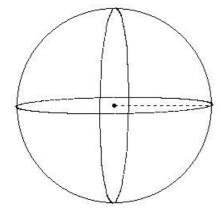
(i) 33523.81 cu.cm (ii) 31723.81 cu.cm (iii) 31823.81 cu.cm (iv) 35723.81 cu.cm (v) 35023.81 cu.cm

4. If the L.S.A of a sphere is 4073.14 sq.cm, its radius is



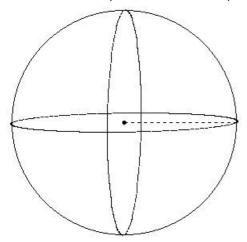
(i) 21.00 cm (ii) 15.00 cm (iii) 13.00 cm (iv) 23.00 cm (v) 18.00 cm

5. If the L.S.A of a sphere is 1810.29 sq.cm, its T.S.A is



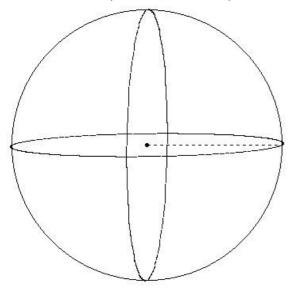
(i) 1840.29 sq.cm (ii) 1810.29 sq.cm (iii) 1690.29 sq.cm (iv) 1530.29 sq.cm (v) 1980.29 sq.cm

6. If the L.S.A of a sphere is 2464.00 sq.cm, its volume is

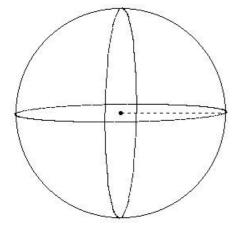


(i) 11798.67 cu.cm (ii) 13098.67 cu.cm (iii) 8998.67 cu.cm (iv) 11498.67 cu.cm (v) 11098.67 cu.cm

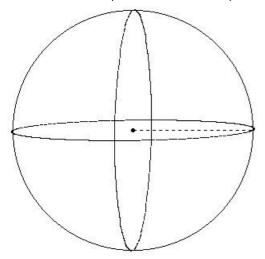
7. If the T.S.A of a sphere is 3633.14 sq.cm, its radius is



- (i) $20.00 \, \text{cm}$ (ii) $12.00 \, \text{cm}$ (iii) $17.00 \, \text{cm}$ (iv) $14.00 \, \text{cm}$ (v) $22.00 \, \text{cm}$
- 8. If the T.S.A of a sphere is 2124.57 sq.cm, its L.S.A is

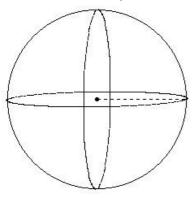


- (i) 2284.57 sq.cm (ii) 2124.57 sq.cm (iii) 2294.57 sq.cm (iv) 1864.57 sq.cm (v) 2044.57 sq.cm
- 9. If the T.S.A of a sphere is 2828.57 sq.cm, its volume is



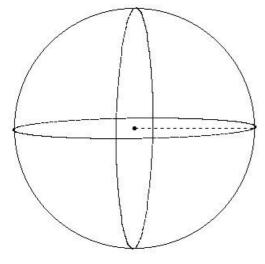
(i) 14142.86 cu.cm (ii) 14442.86 cu.cm (iii) 16442.86 cu.cm (iv) 11542.86 cu.cm (v) 13542.86 cu.cm

10. If the volume of a sphere is 5577.52 cu.cm, its radius is



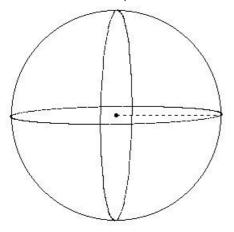
(i) $11.00 \, \text{cm}$ (ii) $16.00 \, \text{cm}$ (iii) $6.00 \, \text{cm}$ (iv) $14.00 \, \text{cm}$ (v) $8.00 \, \text{cm}$

11. If the volume of a sphere is 14142.86 cu.cm, its L.S.A is



(i) 2678.57 sq.cm (ii) 2828.57 sq.cm (iii) 3048.57 sq.cm (iv) 2598.57 sq.cm (v) 2888.57 sq.cm

12. If the volume of a sphere is 9206.48 cu.cm, its T.S.A is



(i) 1854.57 sq.cm (ii) 2364.57 sq.cm (iii) 2004.57 sq.cm (iv) 2284.57 sq.cm (v) 2124.57 sq.cm

Assignment Key						
1) (iii)	2) (ii)	3) (i)	4) (v)	5) (ii)	6) (iv)	
7) (iii)	8) (ii)	9) (i)	10) (i)	11) (ii)	12) (v)	

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