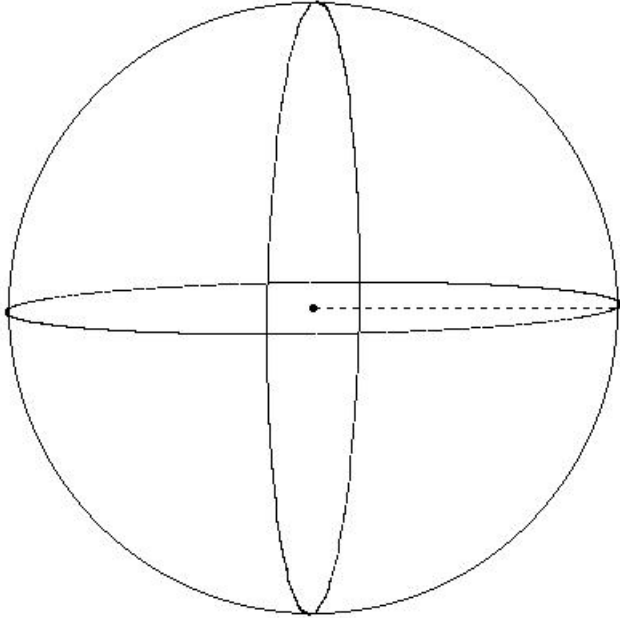


EduSahara™ Learning Center Assignment

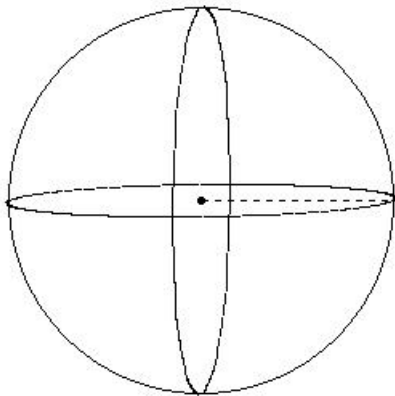
Grade : Class X, ICSE
Chapter : Cone and Sphere
Name : Sphere Basics

1. If the radius of a sphere is 19.00 cm, its L.S.A is



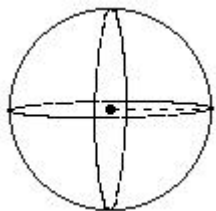
- (i) 4778.29 sq.cm (ii) 4458.29 sq.cm (iii) 4418.29 sq.cm (iv) 4538.29 sq.cm (v) 4708.29 sq.cm
-

2. If the radius of a sphere is 12.00 cm, its T.S.A is



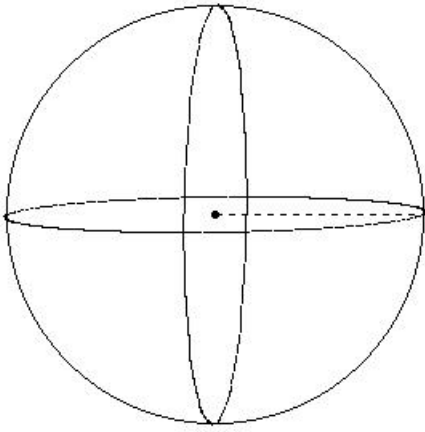
- (i) 1930.29 sq.cm (ii) 1810.29 sq.cm (iii) 1630.29 sq.cm (iv) 2070.29 sq.cm (v) 1680.29 sq.cm
-

3. If the radius of a sphere is 5.00 cm, its volume is



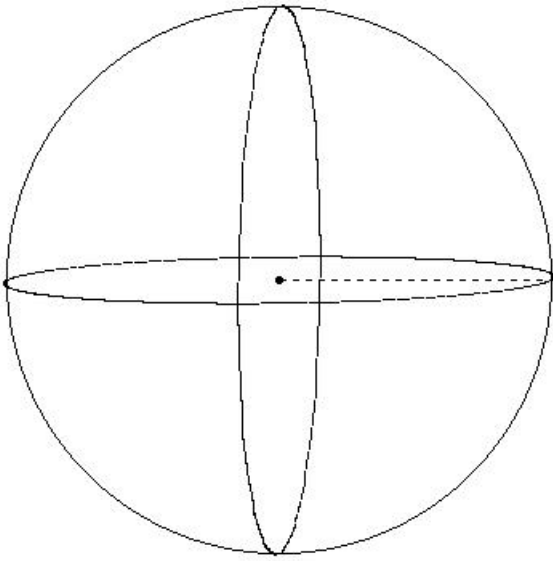
- (i) 515.81 cu.cm (ii) 508.81 cu.cm (iii) 547.81 cu.cm (iv) 530.81 cu.cm (v) 523.81 cu.cm
-

4. If the L.S.A of a sphere is 2124.57 sq.cm, its radius is



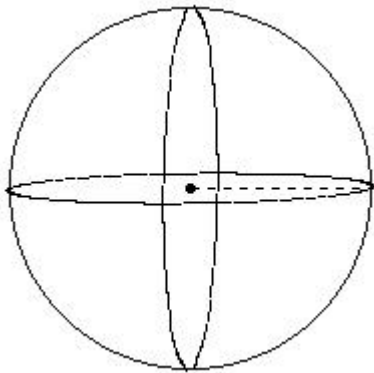
- (i) 18.00 cm (ii) 8.00 cm (iii) 13.00 cm (iv) 16.00 cm (v) 10.00 cm
-

5. If the L.S.A of a sphere is 3633.14 sq.cm, its T.S.A is



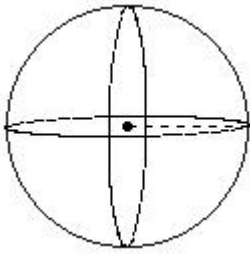
- (i) 3633.14 sq.cm (ii) 3493.14 sq.cm (iii) 3803.14 sq.cm (iv) 3483.14 sq.cm (v) 3673.14 sq.cm
-

6. If the L.S.A of a sphere is 1018.29 sq.cm, its volume is



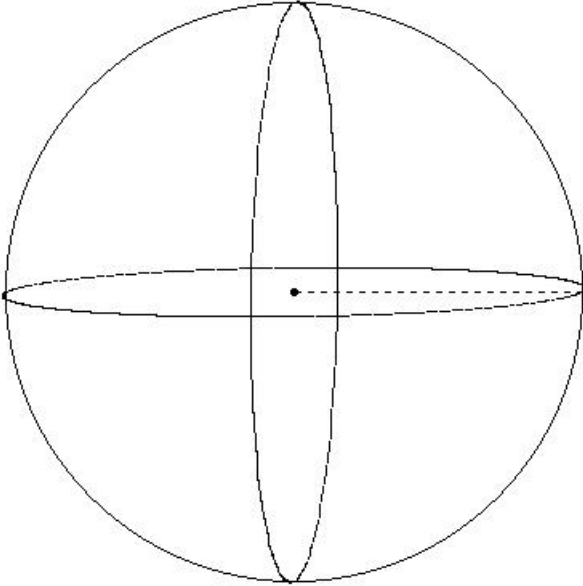
- (i) 3054.86 cu.cm (ii) 2814.86 cu.cm (iii) 3084.86 cu.cm (iv) 3194.86 cu.cm (v) 3004.86 cu.cm
-

7. If the T.S.A of a sphere is 452.57 sq.cm, its radius is



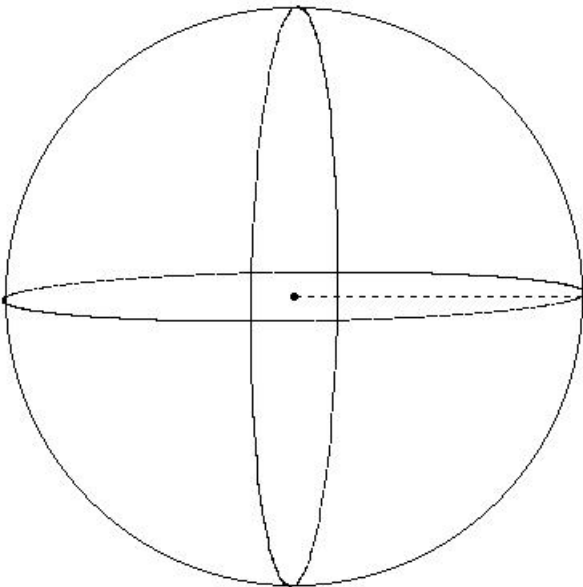
- (i) 8.00 cm (ii) 4.00 cm (iii) 5.00 cm (iv) 7.00 cm (v) 6.00 cm

8. If the T.S.A of a sphere is 4073.14 sq.cm, its L.S.A is



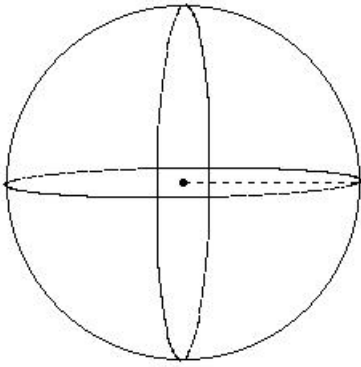
- (i) 4003.14 sq.cm (ii) 4193.14 sq.cm (iii) 4323.14 sq.cm (iv) 3803.14 sq.cm (v) 4073.14 sq.cm

9. If the T.S.A of a sphere is 4073.14 sq.cm, its volume is



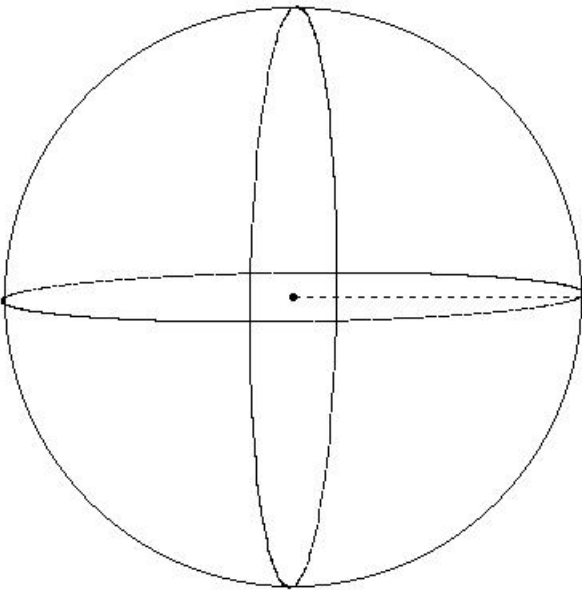
- (i) 22938.86 cu.cm (ii) 22038.86 cu.cm (iii) 24438.86 cu.cm (iv) 25238.86 cu.cm (v) 25738.86 cu.cm

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



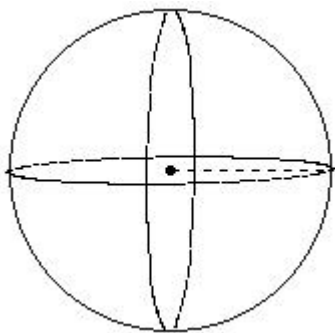
- (i) 6.00 cm (ii) 16.00 cm (iii) 14.00 cm (iv) 8.00 cm (v) 11.00 cm
-

11. If the volume of a sphere is 24438.86 cu.cm, its L.S.A is



- (i) 3953.14 sq.cm (ii) 4073.14 sq.cm (iii) 4243.14 sq.cm (iv) 4223.14 sq.cm (v) 4013.14 sq.cm
-

12. If the volume of a sphere is 2145.52 cu.cm, its T.S.A is



- (i) 791.57 sq.cm (ii) 818.57 sq.cm (iii) 830.57 sq.cm (iv) 804.57 sq.cm (v) 797.57 sq.cm
-

Assignment Key

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