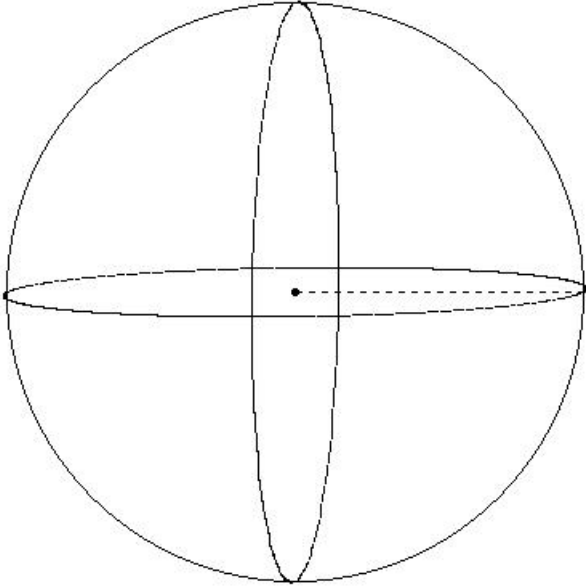


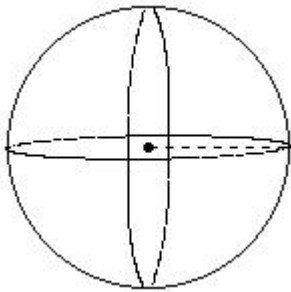
EduSahara™ Learning Center Assignment**Grade : Class IX, CBSE****Chapter : Surface Areas and Volumes****Name : Sphere**

1. If the radius of a sphere is 18.00 cm, its L.S.A is



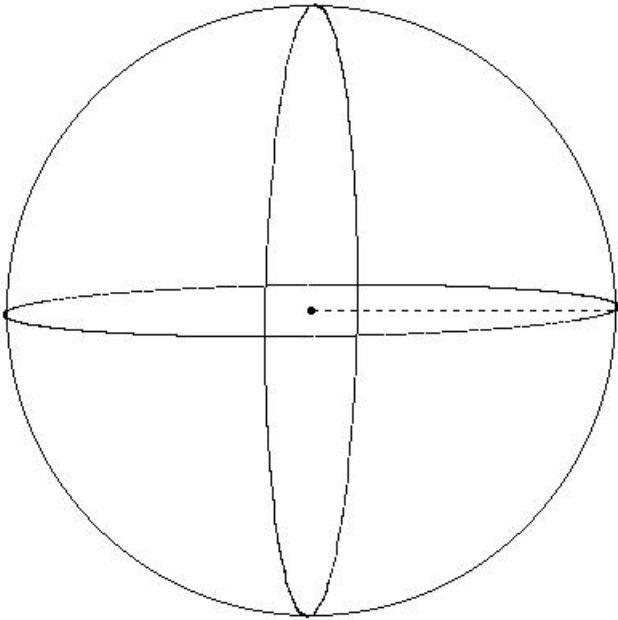
- (i) 4073.14 sq.cm (ii) 4013.14 sq.cm (iii) 3803.14 sq.cm (iv) 4253.14 sq.cm (v) 4123.14 sq.cm

2. If the radius of a sphere is 7.00 cm, its T.S.A is



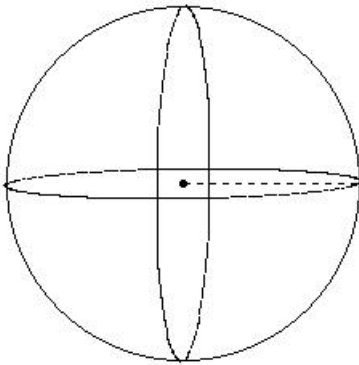
- (i) 632.00 sq.cm (ii) 604.00 sq.cm (iii) 603.00 sq.cm (iv) 621.00 sq.cm (v) 616.00 sq.cm

3. If the radius of a sphere is 19.00 cm, its volume is



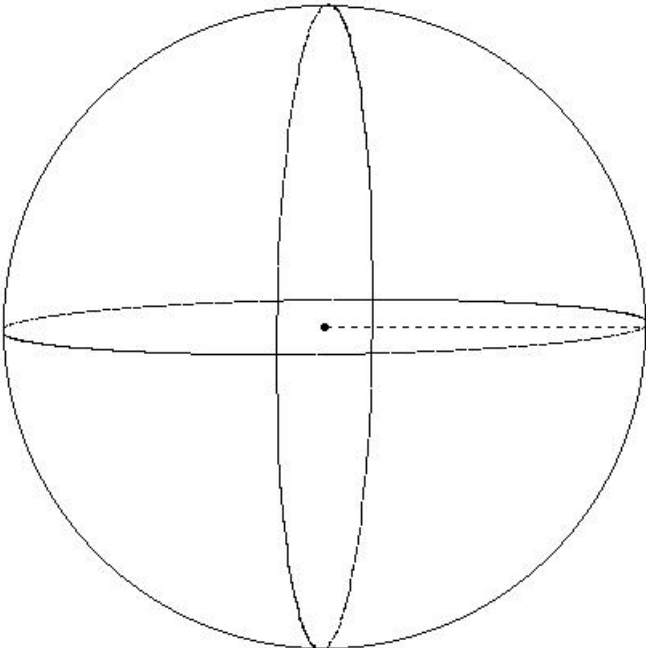
- (i) 29942.48 cu.cm (ii) 28742.48 cu.cm (iii) 26142.48 cu.cm (iv) 27242.48 cu.cm
-

4. If the L.S.A of a sphere is 1521.14 sq.cm, its radius is



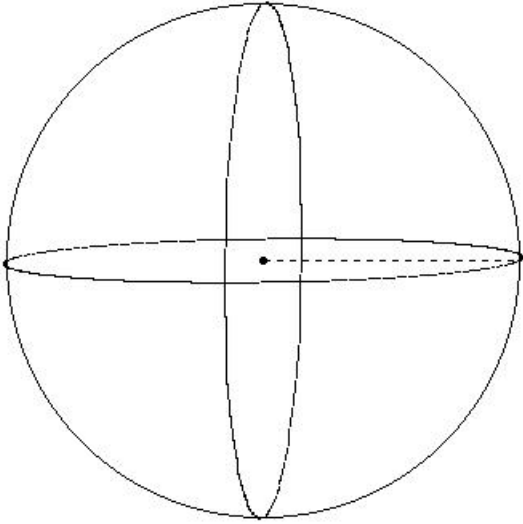
- (i) 8.00 cm (ii) 16.00 cm (iii) 6.00 cm (iv) 14.00 cm (v) 11.00 cm
-

5. If the L.S.A of a sphere is 5028.57 sq.cm, its T.S.A is



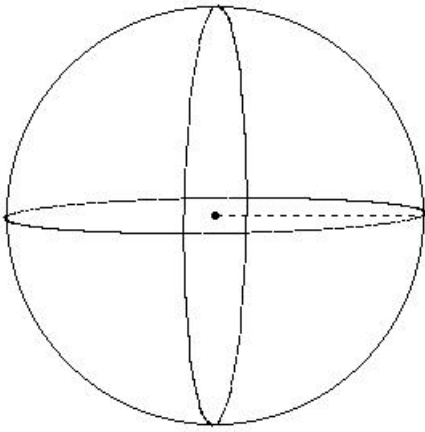
- (i) 5028.57 sq.cm (ii) 5308.57 sq.cm (iii) 4878.57 sq.cm (iv) 4888.57 sq.cm (v) 5148.57 sq.cm
-

6. If the L.S.A of a sphere is 3218.29 sq.cm, its volume is



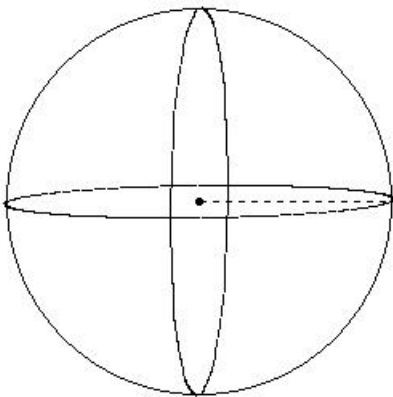
- (i) 19564.19 cu.cm (ii) 14364.19 cu.cm (iii) 16364.19 cu.cm (iv) 17464.19 cu.cm (v) 17164.19 cu.cm
-

7. If the T.S.A of a sphere is 2124.57 sq.cm, its radius is



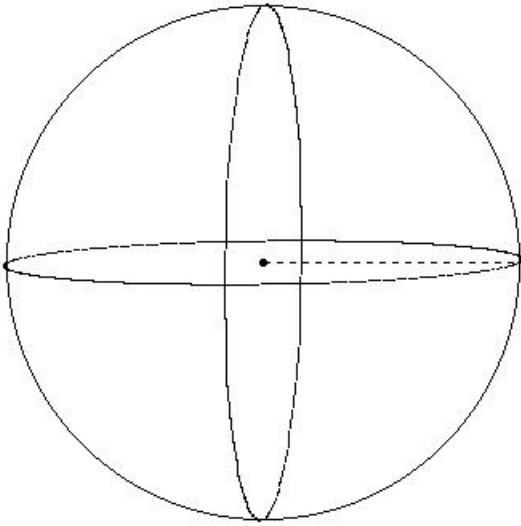
- (i) 13.00 cm (ii) 8.00 cm (iii) 18.00 cm (iv) 10.00 cm (v) 16.00 cm
-

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



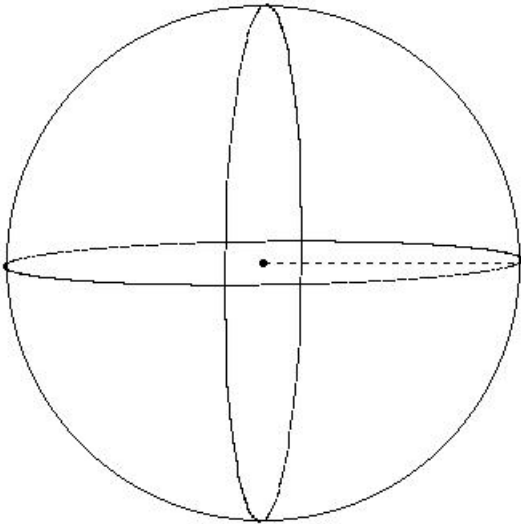
- (i) 1990.29 sq.cm (ii) 2070.29 sq.cm (iii) 1740.29 sq.cm (iv) 1650.29 sq.cm (v) 1810.29 sq.cm
-

9. If the T.S.A of a sphere is 3218.29 sq.cm, its volume is



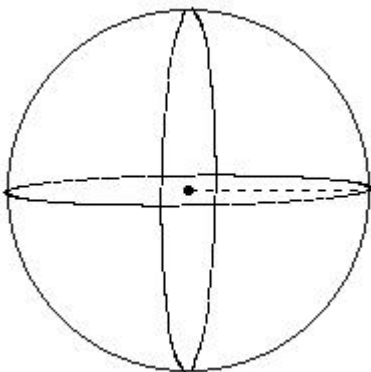
- (i) 17964.19 cu.cm (ii) 17164.19 cu.cm (iii) 16464.19 cu.cm (iv) 14364.19 cu.cm (v) 18764.19 cu.cm

10. If the volume of a sphere is 17164.19 cu.cm, its radius is



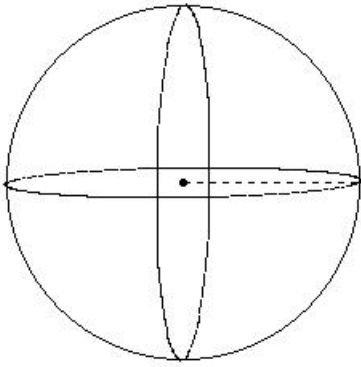
- (i) 19.00 cm (ii) 13.00 cm (iii) 11.00 cm (iv) 21.00 cm (v) 16.00 cm

11. If the volume of a sphere is 3054.86 cu.cm, its L.S.A is



- (i) 898.29 sq.cm (ii) 1168.29 sq.cm (iii) 1258.29 sq.cm (iv) 1018.29 sq.cm (v) 858.29 sq.cm

12. If the volume of a sphere is 5577.52 cu.cm, its T.S.A is



- (i) 1801.14 sq.cm (ii) 1521.14 sq.cm (iii) 1371.14 sq.cm (iv) 1381.14 sq.cm (v) 1691.14 sq.cm
-

Assignment Key

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