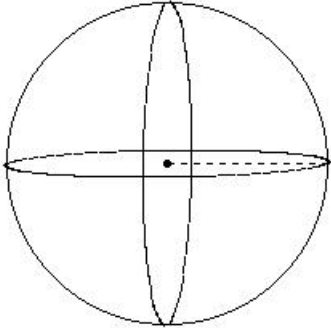


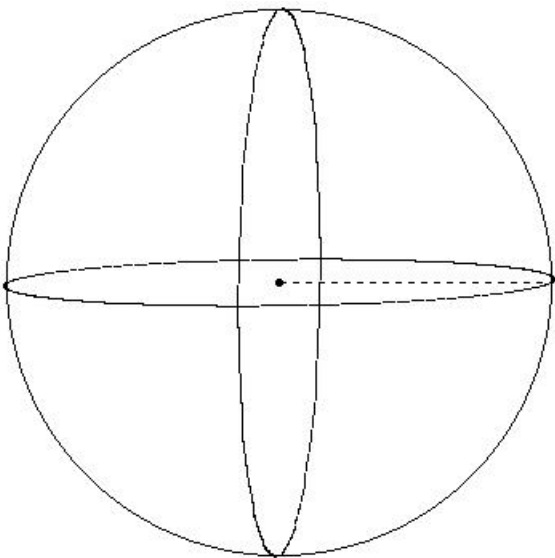
EduSahara™ Learning Center Assignment**Grade : Class X, SSC****Chapter : Mensuration****Name : Sphere**

1. If the radius of a sphere is 10.00 cm, its L.S.A is



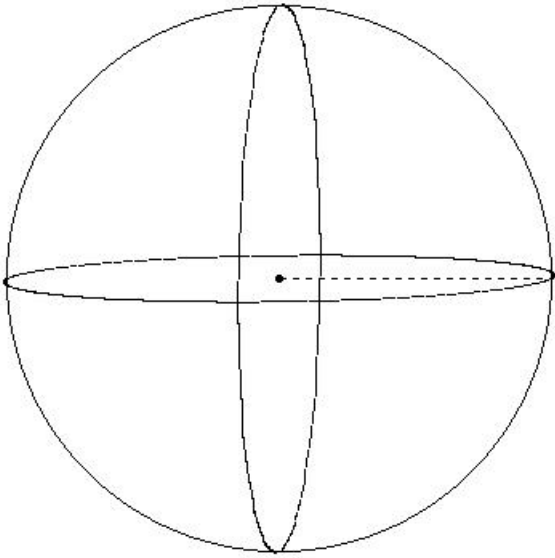
- (i) 1317.14 sq.cm (ii) 1257.14 sq.cm (iii) 1517.14 sq.cm (iv) 1177.14 sq.cm (v) 977.14 sq.cm

2. If the radius of a sphere is 17.00 cm, its T.S.A is



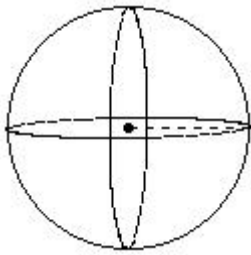
- (i) 3483.14 sq.cm (ii) 3403.14 sq.cm (iii) 3793.14 sq.cm (iv) 3633.14 sq.cm (v) 3753.14 sq.cm

3. If the radius of a sphere is 17.00 cm, its volume is



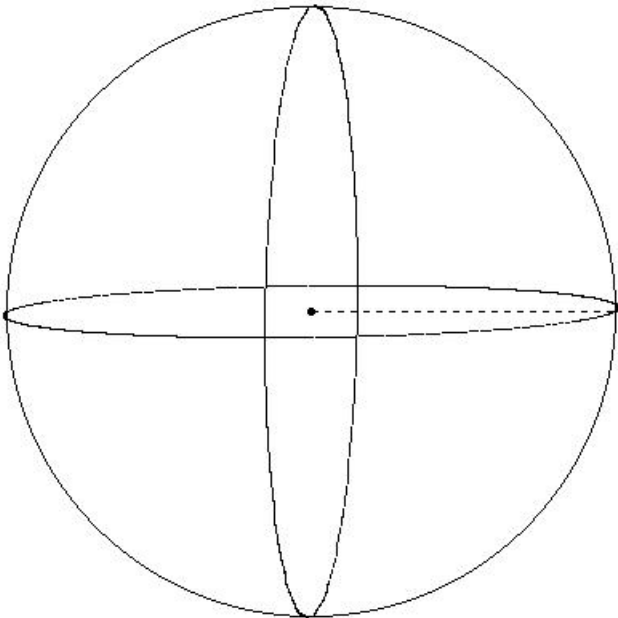
- (i) 22187.81 cu.cm (ii) 20587.81 cu.cm (iii) 18787.81 cu.cm (iv) 22087.81 cu.cm
-

4. If the L.S.A of a sphere is 452.57 sq.cm, its radius is



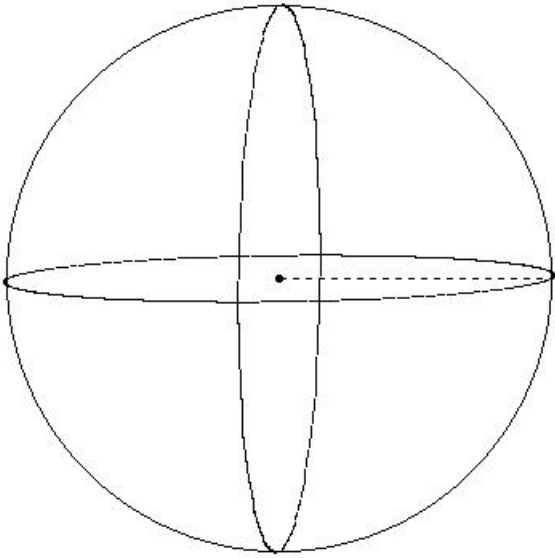
- (i) 7.00 cm (ii) 5.00 cm (iii) 6.00 cm (iv) 4.00 cm (v) 8.00 cm
-

5. If the L.S.A of a sphere is 4538.29 sq.cm, its T.S.A is



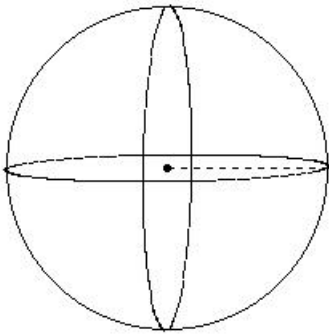
- (i) 4668.29 sq.cm (ii) 4278.29 sq.cm (iii) 4518.29 sq.cm (iv) 4618.29 sq.cm (v) 4538.29 sq.cm
-

6. If the L.S.A of a sphere is 3633.14 sq.cm, its volume is



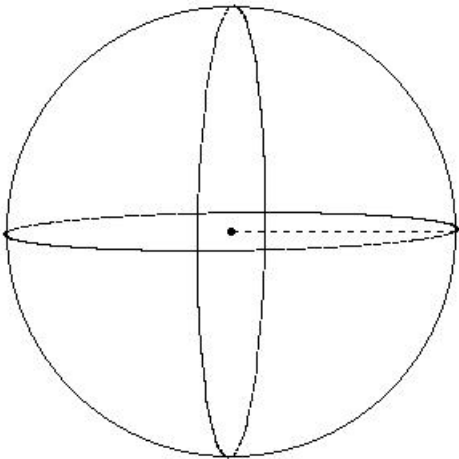
- (i) 18987.81 cu.cm (ii) 22287.81 cu.cm (iii) 19887.81 cu.cm (iv) 20587.81 cu.cm (v) 22387.81 cu.cm
-

7. If the T.S.A of a sphere is 1257.14 sq.cm, its radius is



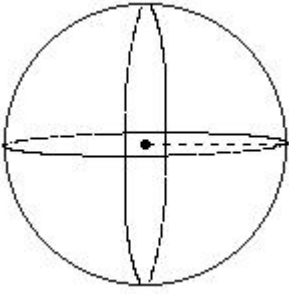
- (i) 15.00 cm (ii) 13.00 cm (iii) 7.00 cm (iv) 10.00 cm (v) 5.00 cm
-

8. If the T.S.A of a sphere is 2464.00 sq.cm, its L.S.A is



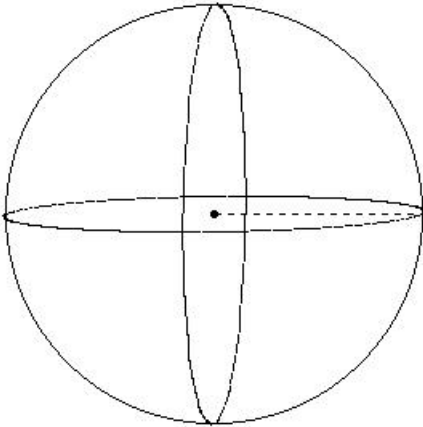
- (i) 2694.00 sq.cm (ii) 2284.00 sq.cm (iii) 2464.00 sq.cm (iv) 2604.00 sq.cm (v) 2214.00 sq.cm
-

9. If the T.S.A of a sphere is 616.00 sq.cm, its volume is



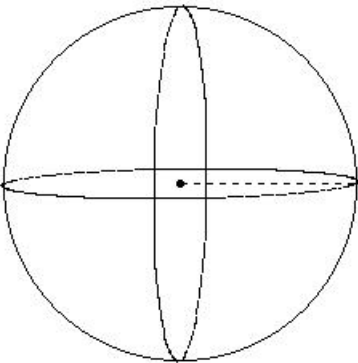
- (i) 1437.33 cu.cm (ii) 1497.33 cu.cm (iii) 1277.33 cu.cm (iv) 1667.33 cu.cm (v) 1287.33 cu.cm
-

10. If the volume of a sphere is 9206.48 cu.cm, its radius is



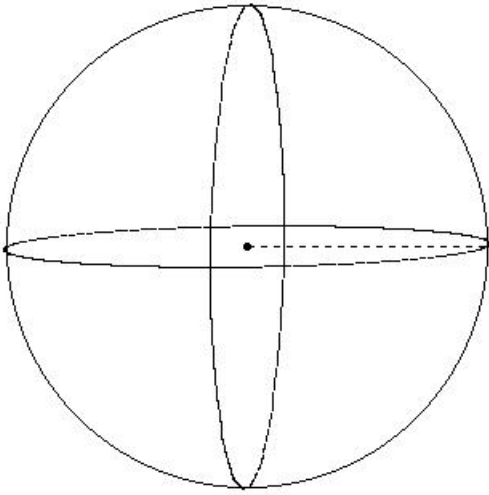
- (i) 10.00 cm (ii) 16.00 cm (iii) 18.00 cm (iv) 13.00 cm (v) 8.00 cm
-

11. If the volume of a sphere is 5577.52 cu.cm, its L.S.A is



- (i) 1521.14 sq.cm (ii) 1451.14 sq.cm (iii) 1261.14 sq.cm (iv) 1671.14 sq.cm (v) 1641.14 sq.cm
-

12. If the volume of a sphere is 14142.86 cu.cm, its T.S.A is



- (i) 2828.57 sq.cm (ii) 3108.57 sq.cm (iii) 2778.57 sq.cm (iv) 2698.57 sq.cm (v) 2988.57 sq.cm
-

Assignment Key

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