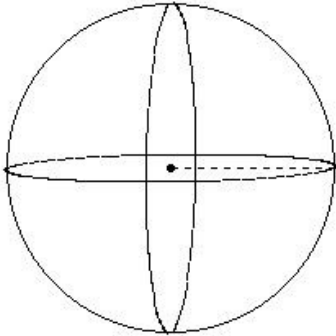


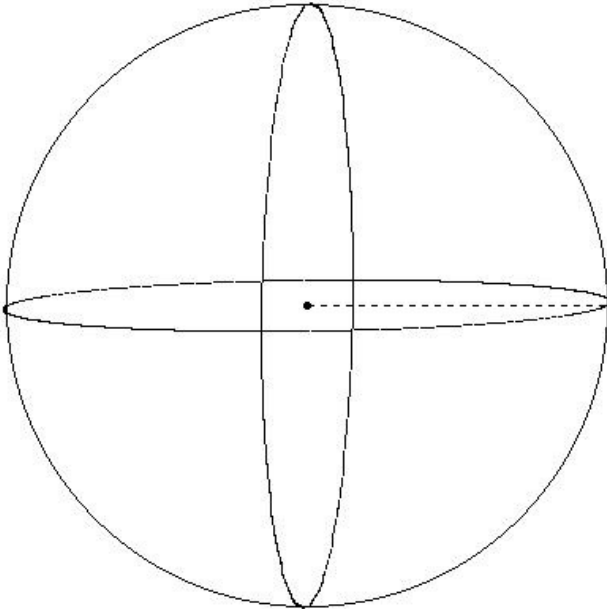


1. If the radius of a sphere is 10.00 cm, its L.S.A is



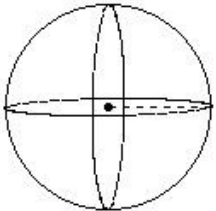
- (i) 1427.14 sq.cm (ii) 1077.14 sq.cm (iii) 1107.14 sq.cm (iv) 1257.14 sq.cm (v) 1417.14 sq.cm

2. If the radius of a sphere is 19.00 cm, its T.S.A is



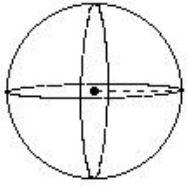
- (i) 4408.29 sq.cm (ii) 4298.29 sq.cm (iii) 4718.29 sq.cm (iv) 4538.29 sq.cm (v) 4558.29 sq.cm

3. If the radius of a sphere is 6.00 cm, its volume is



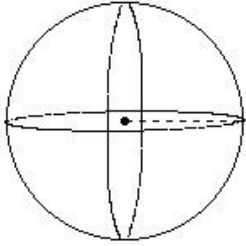
- (i) 899.14 cu.cm (ii) 909.14 cu.cm (iii) 905.14 cu.cm (iv) 923.14 cu.cm (v) 890.14 cu.cm

4. If the L.S.A of a sphere is 314.29 sq.cm, its radius is



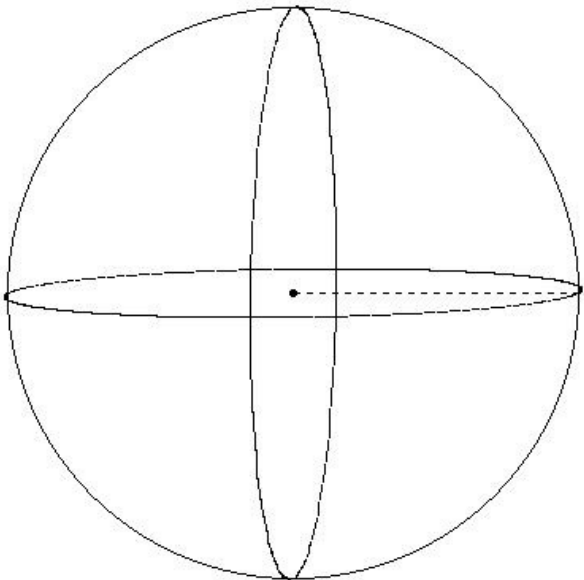
- (i) 5.00 cm (ii) 7.00 cm (iii) 4.00 cm (iv) 3.00 cm (v) 6.00 cm

5. If the L.S.A of a sphere is 616.00 sq.cm, its T.S.A is



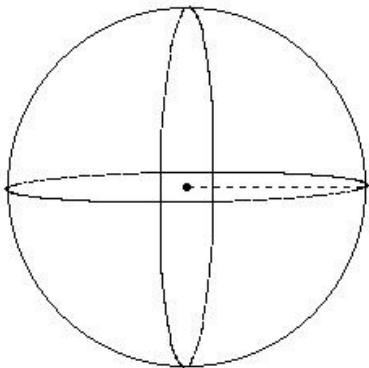
- (i) 588.00 sq.cm (ii) 616.00 sq.cm (iii) 604.00 sq.cm (iv) 643.00 sq.cm (v) 622.00 sq.cm

6. If the L.S.A of a sphere is 4073.14 sq.cm, its volume is



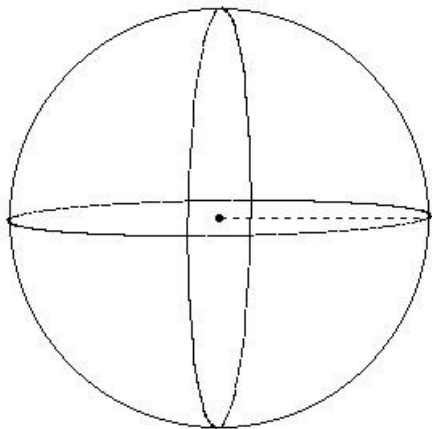
- (i) 22838.86 cu.cm (ii) 25938.86 cu.cm (iii) 22738.86 cu.cm (iv) 27138.86 cu.cm (v) 24438.86 cu.cm

7. If the T.S.A of a sphere is 1521.14 sq.cm, its radius is



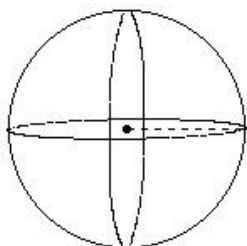
- (i) 11.00 cm (ii) 14.00 cm (iii) 16.00 cm (iv) 6.00 cm (v) 8.00 cm

8. If the T.S.A of a sphere is 2124.57 sq.cm, its L.S.A is



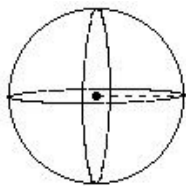
- (i) 1844.57 sq.cm (ii) 2394.57 sq.cm (iii) 1964.57 sq.cm (iv) 2264.57 sq.cm (v) 2124.57 sq.cm

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



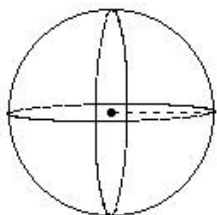
- (i) 1617.33 cu.cm (ii) 1207.33 cu.cm (iii) 1567.33 cu.cm (iv) 1297.33 cu.cm (v) 1437.33 cu.cm

10. If the volume of a sphere is 523.81 cu.cm, its radius is



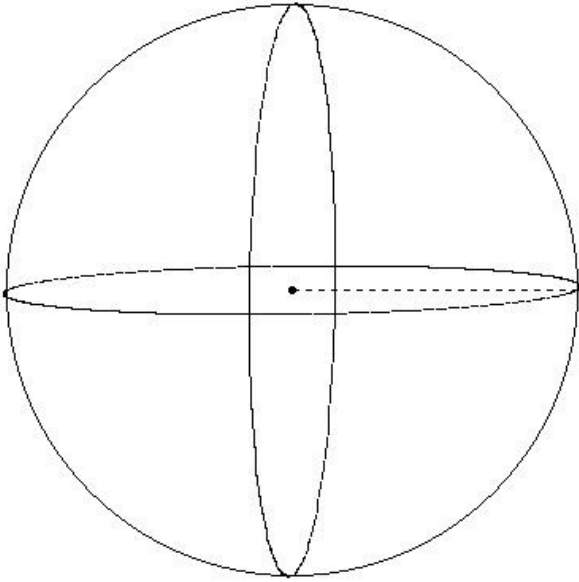
- (i) 7.00 cm (ii) 4.00 cm (iii) 3.00 cm (iv) 6.00 cm (v) 5.00 cm

11. If the volume of a sphere is 905.14 cu.cm, its L.S.A is



- (i) 464.57 sq.cm (ii) 428.57 sq.cm (iii) 437.57 sq.cm (iv) 452.57 sq.cm (v) 469.57 sq.cm

12. If the volume of a sphere is 24438.86 cu.cm, its T.S.A is



- (i) 3933.14 sq.cm (ii) 4223.14 sq.cm (iii) 4193.14 sq.cm (iv) 4073.14 sq.cm

Assignment Key

1) (iv)

2) (iv)

3) (iii)

4) (i)

5) (ii)

6) (v)

7) (i)

8) (v)

9) (v)

10) (v)

11) (iv)

12) (iv)