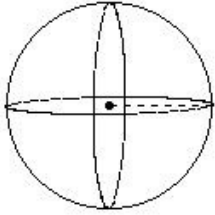


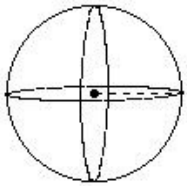


1. If the radius of a sphere is 6.00 cm, its L.S.A is



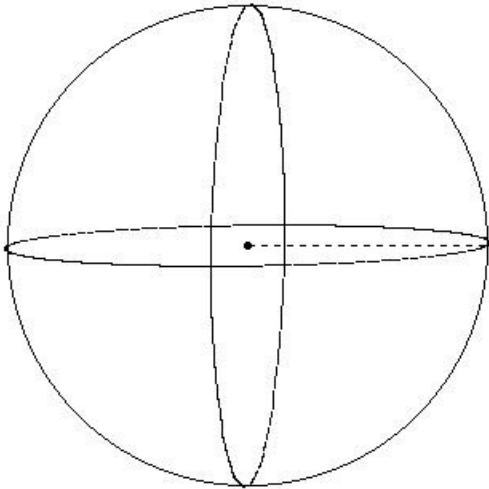
- (i) 430.57 sq.cm (ii) 478.57 sq.cm (iii) 434.57 sq.cm (iv) 452.57 sq.cm (v) 458.57 sq.cm

2. If the radius of a sphere is 5.00 cm, its T.S.A is



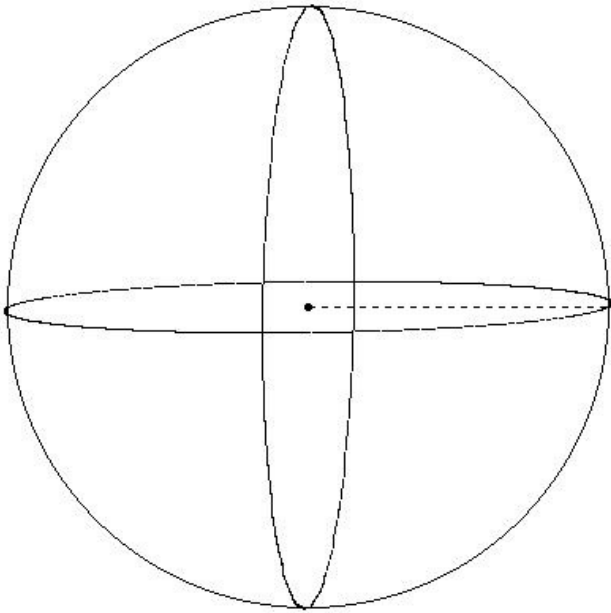
- (i) 310.29 sq.cm (ii) 329.29 sq.cm (iii) 291.29 sq.cm (iv) 314.29 sq.cm (v) 326.29 sq.cm

3. If the radius of a sphere is 15.00 cm, its volume is



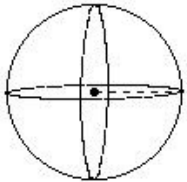
- (i) 12542.86 cu.cm (ii) 15942.86 cu.cm (iii) 12442.86 cu.cm (iv) 14142.86 cu.cm (v) 16742.86 cu.cm

4. If the L.S.A of a sphere is 4538.29 sq.cm, its radius is



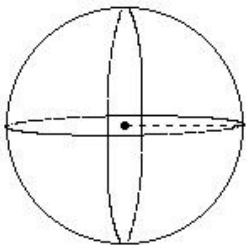
- (i) 19.00 cm (ii) 14.00 cm (iii) 16.00 cm (iv) 24.00 cm (v) 22.00 cm

5. If the L.S.A of a sphere is 314.29 sq.cm, its T.S.A is



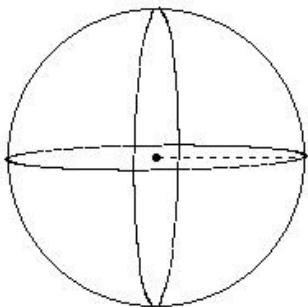
- (i) 321.29 sq.cm (ii) 299.29 sq.cm (iii) 314.29 sq.cm (iv) 332.29 sq.cm (v) 310.29 sq.cm

6. If the L.S.A of a sphere is 616.00 sq.cm, its volume is



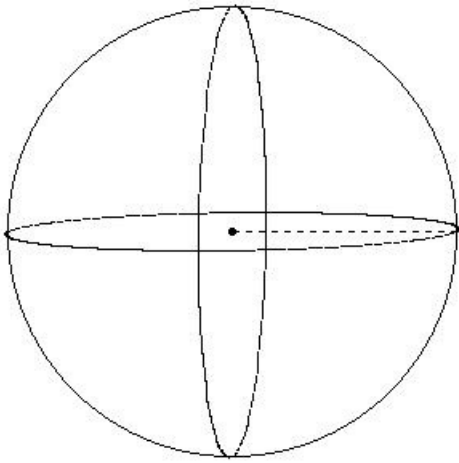
- (i) 1217.33 cu.cm (ii) 1497.33 cu.cm (iii) 1437.33 cu.cm (iv) 1367.33 cu.cm (v) 1557.33 cu.cm

7. If the T.S.A of a sphere is 1018.29 sq.cm, its radius is



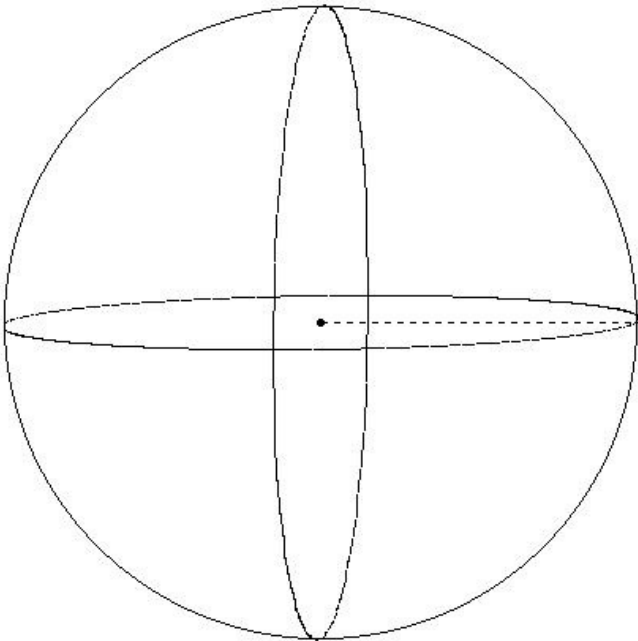
- (i) 10.00 cm (ii) 8.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 11.00 cm

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



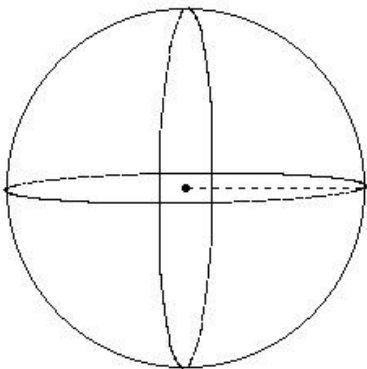
- (i) 2214.00 sq.cm (ii) 2524.00 sq.cm (iii) 2464.00 sq.cm (iv) 2284.00 sq.cm (v) 2634.00 sq.cm

9. If the T.S.A of a sphere is 5028.57 sq.cm, its volume is



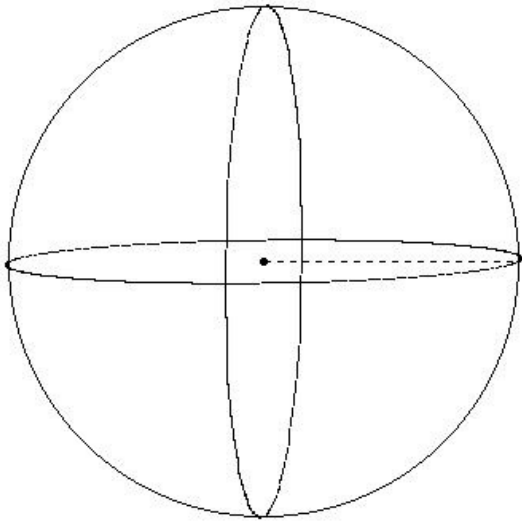
- (i) 33523.81 cu.cm (ii) 33223.81 cu.cm (iii) 35223.81 cu.cm (iv) 32323.81 cu.cm (v) 34123.81 cu.cm

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



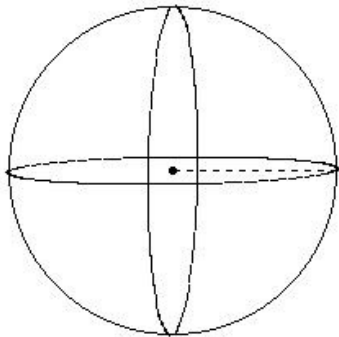
- (i) 16.00 cm (ii) 11.00 cm (iii) 6.00 cm (iv) 8.00 cm (v) 14.00 cm

11. If the volume of a sphere is 17164.19 cu.cm, its L.S.A is



- (i) 3168.29 sq.cm (ii) 3288.29 sq.cm (iii) 2978.29 sq.cm (iv) 3488.29 sq.cm (v) 3218.29 sq.cm

12. If the volume of a sphere is 4190.48 cu.cm, its T.S.A is



- (i) 1197.14 sq.cm (ii) 1137.14 sq.cm (iii) 1287.14 sq.cm (iv) 1507.14 sq.cm (v) 1257.14 sq.cm

Assignment Key

1) (iv)

2) (iv)

3) (iv)

4) (i)

5) (iii)

6) (iii)

7) (iii)

8) (iii)

9) (i)

10) (ii)

11) (v)

12) (v)

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