EduSahara™ Assignment

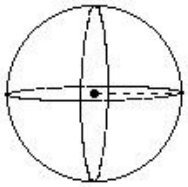
Name : Sphere

Chapter : Mensuration

Grade : SSC Grade X

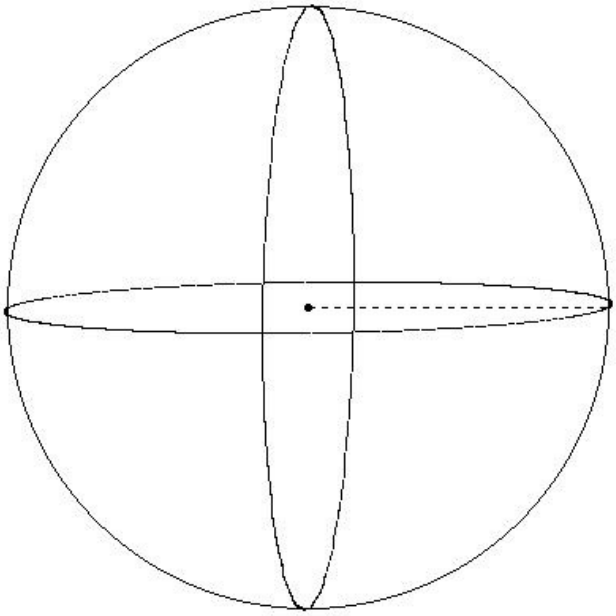
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1. If the radius of a sphere is 5.00 cm, its L.S.A is



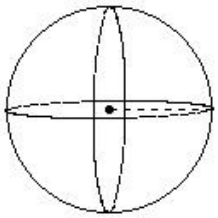
(i) 332.29 sq.cm (ii) 299.29 sq.cm (iii) 314.29 sq.cm (iv) 296.29 sq.cm (v) 320.29 sq.cm

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



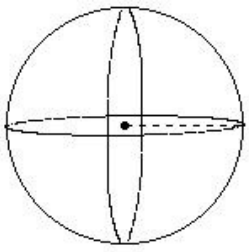
(i) 4538.29 sq.cm (ii) 4418.29 sq.cm (iii) 4498.29 sq.cm (iv) 4658.29 sq.cm (v) 4688.29 sq.cm

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



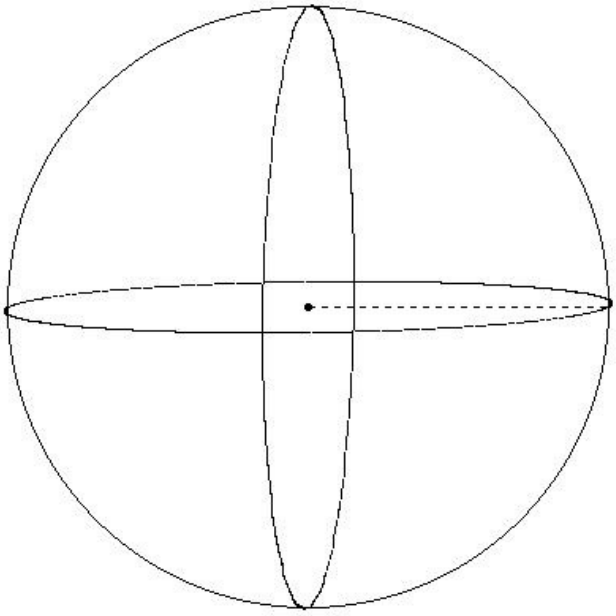
(i) 918.14 cu.cm (ii) 892.14 cu.cm (iii) 893.14 cu.cm (iv) 913.14 cu.cm (v) 905.14 cu.cm

4. If the L.S.A of a sphere is 616.00 sq.cm, its radius is



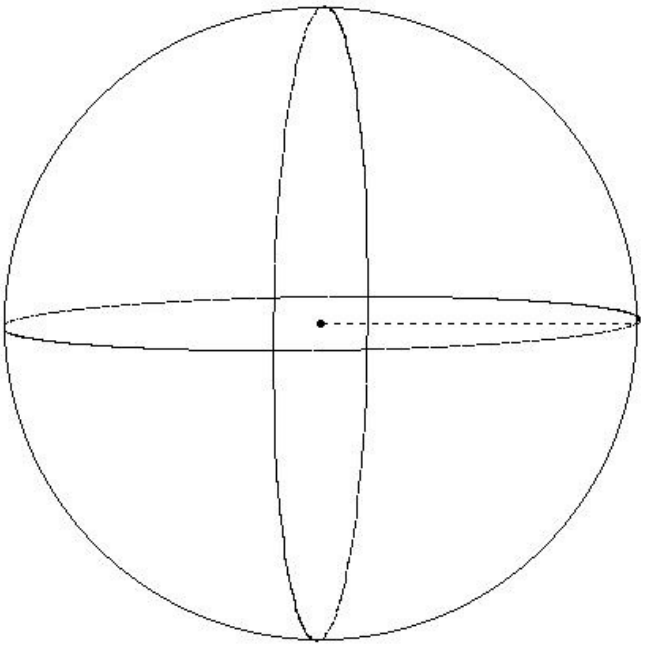
(i) 5.00 cm (ii) 9.00 cm (iii) 6.00 cm (iv) 8.00 cm (v) 7.00 cm

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



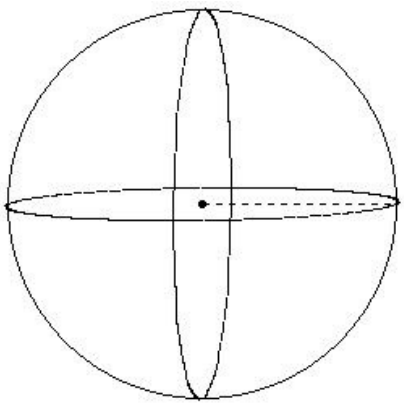
(i) 4458.29 sq.cm (ii) 4538.29 sq.cm (iii) 4308.29 sq.cm (iv) 4788.29 sq.cm (v) 4698.29 sq.cm

6. If the L.S.A of a sphere is 5028.57 sq.cm, its volume is



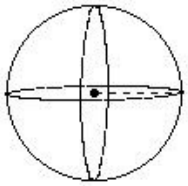
(i) 36123.81 cu.cm (ii) 31023.81 cu.cm (iii) 34223.81 cu.cm (iv) 33523.81 cu.cm (v) 31823.81 cu.cm

7. If the T.S.A of a sphere is 1810.29 sq.cm, its radius is



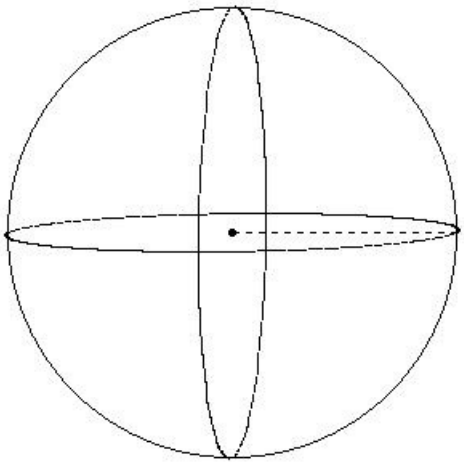
(i) 7.00 cm (ii) 17.00 cm (iii) 12.00 cm (iv) 9.00 cm (v) 15.00 cm

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



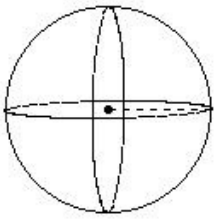
(i) 309.29 sq.cm (ii) 314.29 sq.cm (iii) 288.29 sq.cm (iv) 326.29 sq.cm (v) 331.29 sq.cm

9. If the T.S.A of a sphere is 2464.00 sq.cm, its volume is



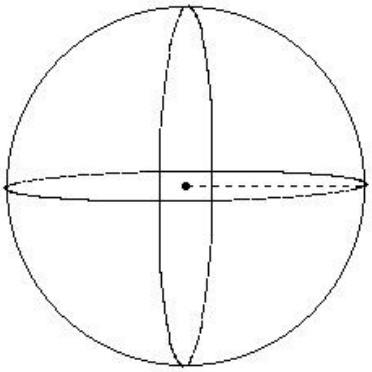
(i) 12098.67 cu.cm (ii) 10298.67 cu.cm (iii) 11498.67 cu.cm (iv) 10098.67 cu.cm (v) 13998.67 cu.cm

10. If the volume of a sphere is 905.14 cu.cm, its radius is



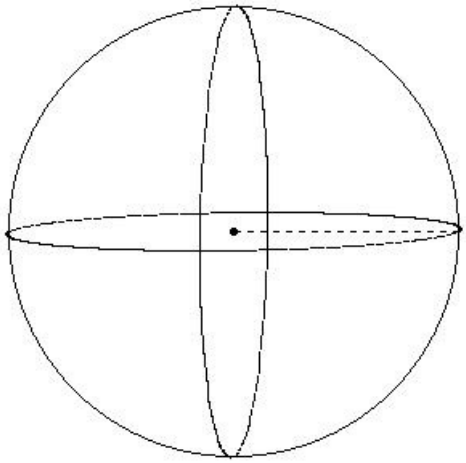
(i) 7.00 cm (ii) 4.00 cm (iii) 5.00 cm (iv) 6.00 cm (v) 8.00 cm

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



(i) 1751.14 sq.cm (ii) 1601.14 sq.cm (iii) 1521.14 sq.cm (iv) 1341.14 sq.cm (v) 1281.14 sq.cm

12. If the volume of a sphere is 11498.67 cu.cm, its T.S.A is



(i) 2624.00 sq.cm (ii) 2644.00 sq.cm (iii) 2464.00 sq.cm (iv) 2424.00 sq.cm (v) 2244.00 sq.cm

Assignment Key

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

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