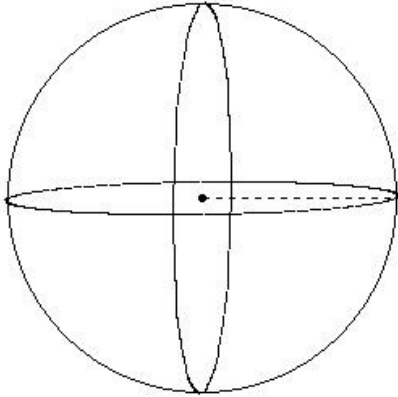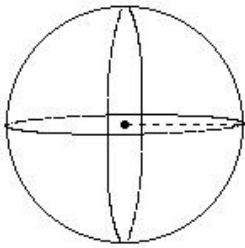1. If the radius of a sphere is 12.00 cm, its L.S.A is
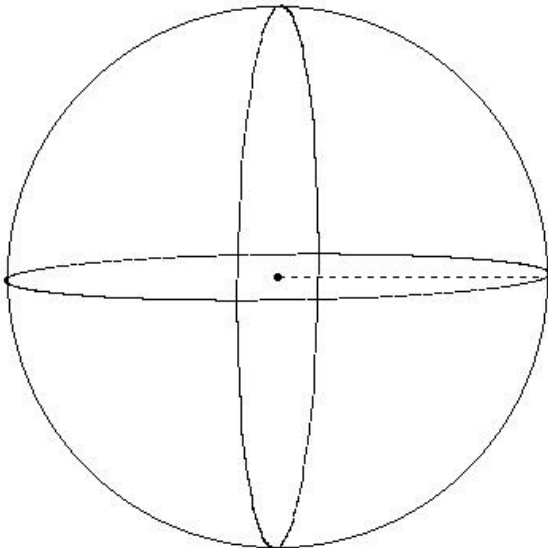

   (i) 1990.29 sq.cm (ii) 1810.29 sq.cm (iii) 1770.29 sq.cm (iv) 1570.29 sq.cm (v) 1980.29 sq.cm
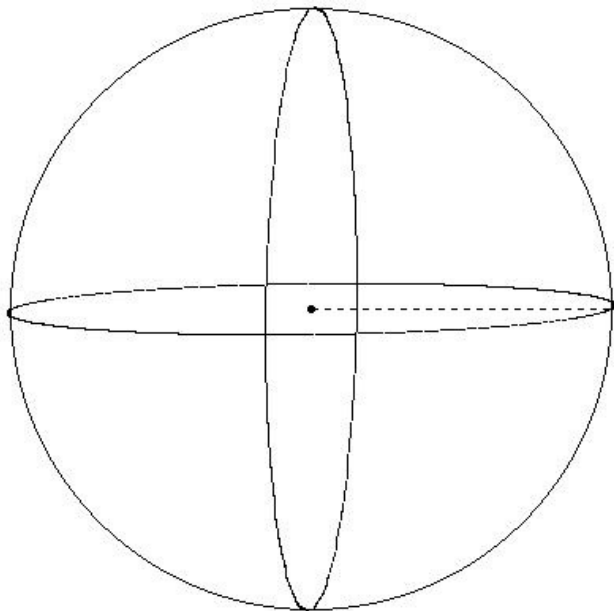
2. If the radius of a sphere is 7.00 cm, its T.S.A is

   (i) 634.00 sq.cm (ii) 599.00 sq.cm (iii) 616.00 sq.cm (iv) 630.00 sq.cm (v) 611.00 sq.cm

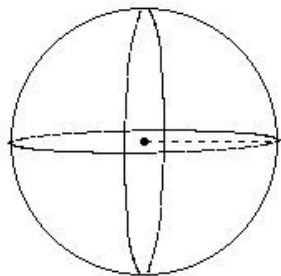3. If the radius of a sphere is 17.00 cm, its volume is

   (i) 23087.81 cu.cm (ii) 21387.81 cu.cm (iii) 20587.81 cu.cm (iv) 19287.81 cu.cm (v) 17987.81 cu.cm

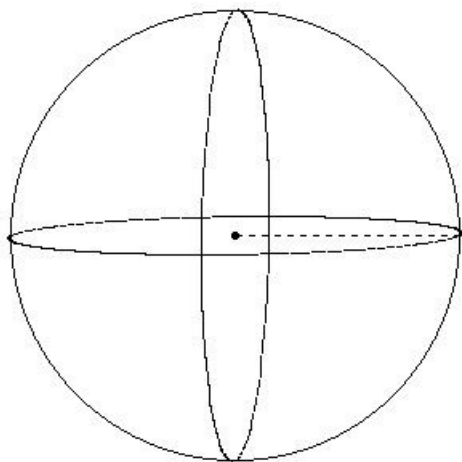4. If the L.S.A of a sphere is 4538.29 sq.cm, its radius is

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

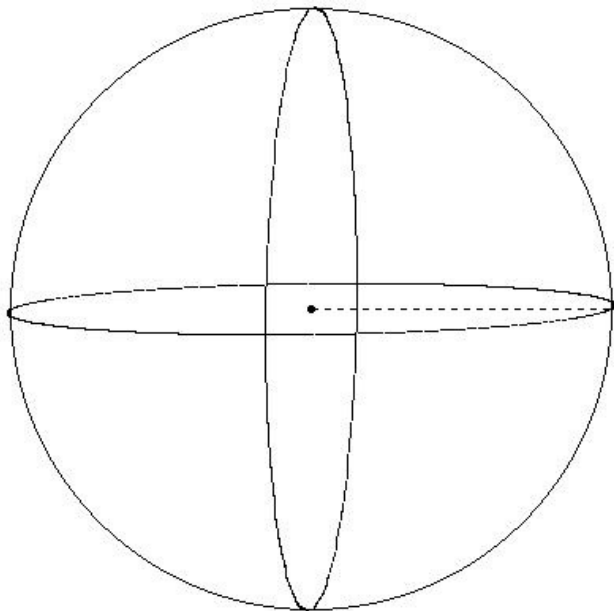5. If the L.S.A of a sphere is 804.57 sq.cm, its T.S.A is

(i) 799.57 sq.cm (ii) 832.57 sq.cm (iii) 791.57 sq.cm (iv) 808.57 sq.cm (v) 804.57 sq.cm

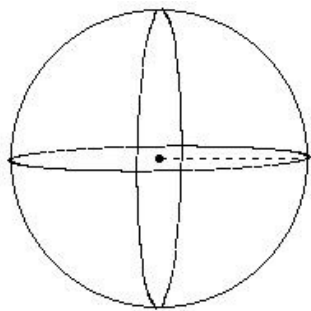6. If the L.S.A of a sphere is 2464.00 sq.cm, its volume is

(i) 10298.67 cu.cm (ii) 13898.67 cu.cm (iii) 11498.67 cu.cm (iv) 12798.67 cu.cm

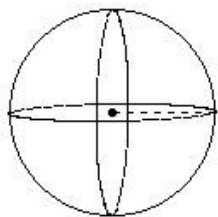7. If the T.S.A of a sphere is 4538.29 sq.cm, its radius is

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

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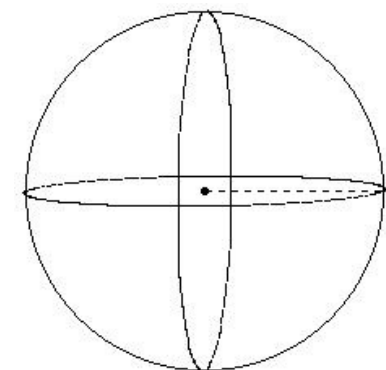8. If the T.S.A of a sphere is 1018.29 sq.cm, its L.S.A is

    (i) 968.29 sq.cm (ii) 1188.29 sq.cm (iii) 1018.29 sq.cm (iv) 1138.29 sq.cm (v) 788.29 sq.cm

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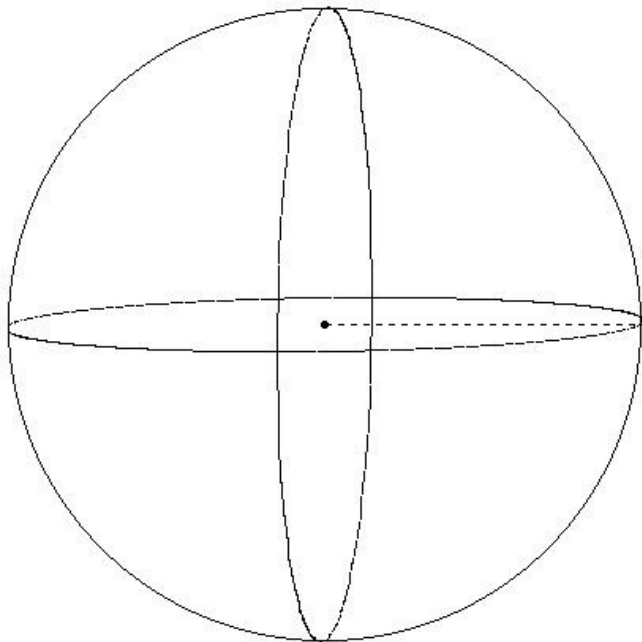
9. If the T.S.A of a sphere is 452.57 sq.cm, its volume is

    (i) 919.14 cu.cm (ii) 907.14 cu.cm (iii) 892.14 cu.cm (iv) 905.14 cu.cm (v) 897.14 cu.cm

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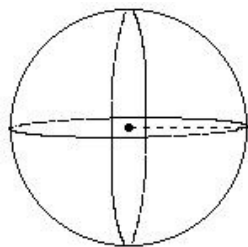10. If the volume of a sphere is 5577.52 cu.cm, its radius is

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

11. If the volume of a sphere is 33523.81 cu.cm, its L.S.A is

(i) 5028.57 sq.cm (ii) 4858.57 sq.cm (iii) 5158.57 sq.cm (iv) 4878.57 sq.cm (v) 5168.57 sq.cm

12. If the volume of a sphere is 1437.33 cu.cm, its T.S.A is

(i) 639.00 sq.cm (ii) 611.00 sq.cm (iii) 616.00 sq.cm (iv) 619.00 sq.cm (v) 600.00 sq.cm

Assignment Key

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