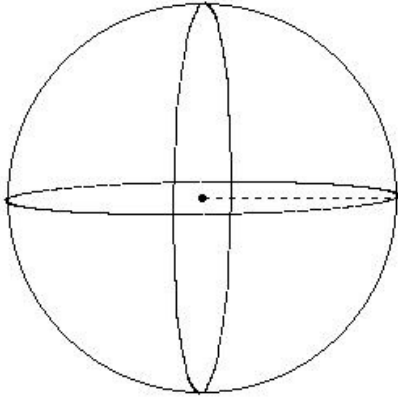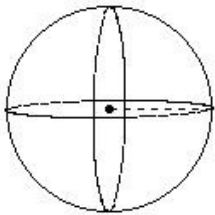1. If the radius of a sphere is 12.00 cm, its L.S.A is
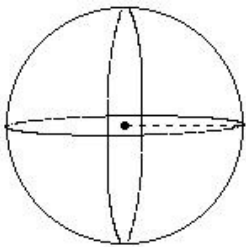

(i) 1770.29 sq.cm (ii) 1860.29 sq.cm (iii) 1530.29 sq.cm (iv) 1980.29 sq.cm (v) 1810.29 sq.cm
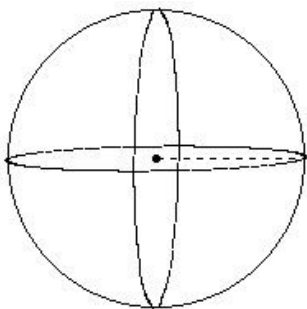
2. If the radius of a sphere is 6.00 cm, its T.S.A is

(i) 439.57 sq.cm (ii) 424.57 sq.cm (iii) 452.57 sq.cm (iv) 479.57 sq.cm (v) 467.57 sq.cm

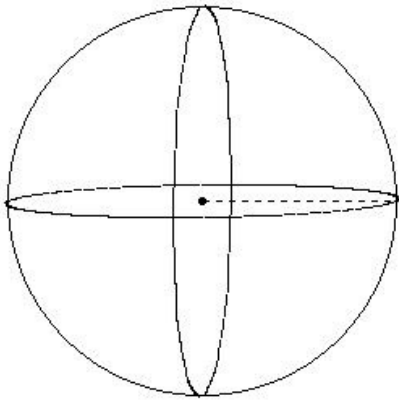3. If the radius of a sphere is 7.00 cm, its volume is

(i) 1437.33 cu.cm (ii) 1667.33 cu.cm (iii) 1477.33 cu.cm (iv) 1157.33 cu.cm (v) 1387.33 cu.cm

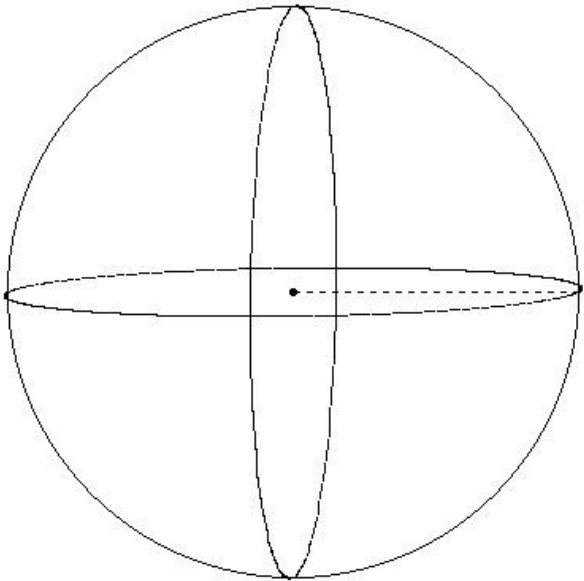4. If the L.S.A of a sphere is 1018.29 sq.cm, its radius is

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

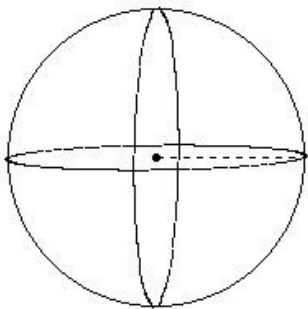5. If the L.S.A of a sphere is 1810.29 sq.cm, its T.S.A is

(i) 1810.29 sq.cm (ii) 1990.29 sq.cm (iii) 1550.29 sq.cm (iv) 2050.29 sq.cm (v) 1690.29 sq.cm

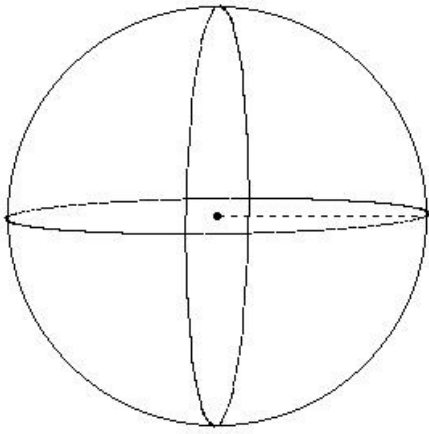6. If the L.S.A of a sphere is 4073.14 sq.cm, its volume is

(i) 25138.86 cu.cm (ii) 25938.86 cu.cm (iii) 24438.86 cu.cm (iv) 23038.86 cu.cm

7. If the T.S.A of a sphere is 1018.29 sq.cm, its radius is
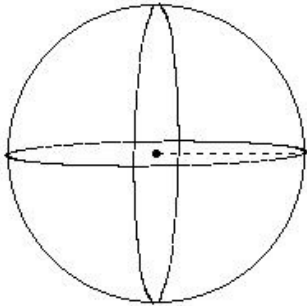
(i) 8.00 cm (ii) 11.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 10.00 cm

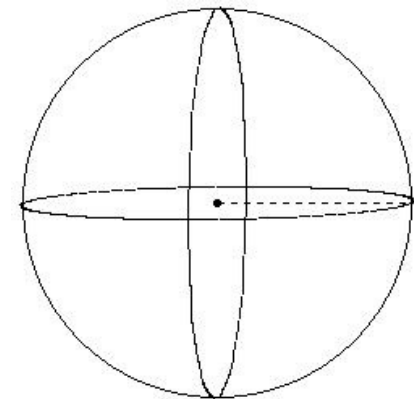8. If the T.S.A of a sphere is 2124.57 sq.cm, its L.S.A is

(i) 2054.57 sq.cm (ii) 2304.57 sq.cm (iii) 1874.57 sq.cm (iv) 2264.57 sq.cm (v) 2124.57 sq.cm

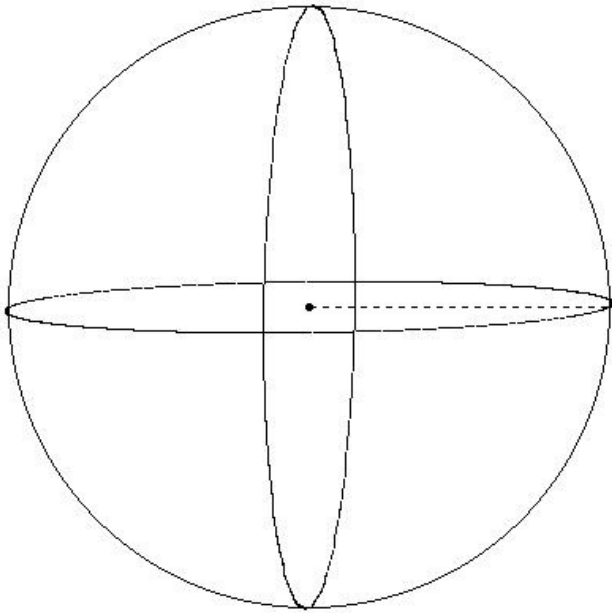9. If the T.S.A of a sphere is 1018.29 sq.cm, its volume is

(i) 3084.86 cu.cm (ii) 3274.86 cu.cm (iii) 3054.86 cu.cm (iv) 2814.86 cu.cm (v) 2874.86 cu.cm

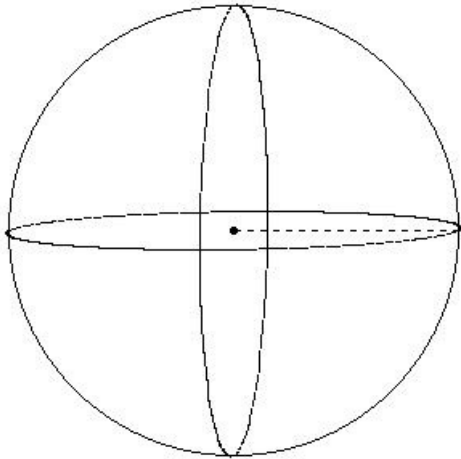10. If the volume of a sphere is 7241.14 cu.cm, its radius is

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

11. If the volume of a sphere is 28742.48 cu.cm, its L.S.A is

    (i) 4538.29 sq.cm (ii) 4778.29 sq.cm (iii) 4288.29 sq.cm (iv) 4668.29 sq.cm (v) 4458.29 sq.cm

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

    (i) 2464.00 sq.cm (ii) 2724.00 sq.cm (iii) 2644.00 sq.cm (iv) 2414.00 sq.cm (v) 2224.00 sq.cm

Assignment Key

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