EduSahara™ Assignment

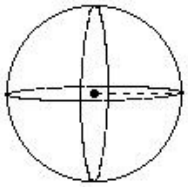
Name : Spheres

Chapter : Surface areas and Volumes

Grade : SSC Grade IX

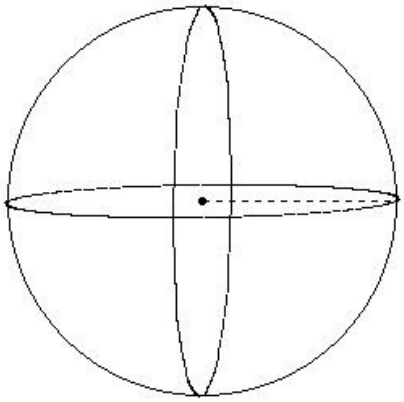
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1. If the radius of a sphere is 5.00 cm, its L.S.A is



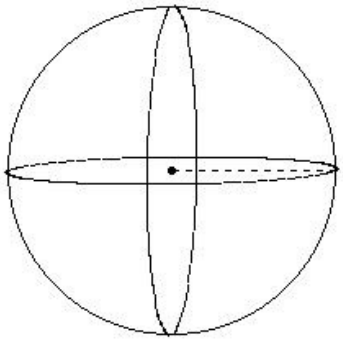
(i) 308.29 sq.cm (ii) 340.29 sq.cm (iii) 314.29 sq.cm (iv) 316.29 sq.cm (v) 297.29 sq.cm

2. If the radius of a sphere is 12.00 cm, its T.S.A is



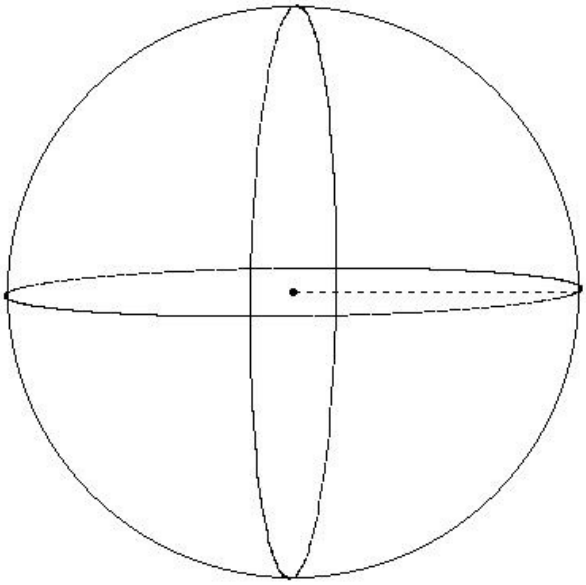
(i) 1810.29 sq.cm (ii) 1640.29 sq.cm (iii) 1630.29 sq.cm (iv) 2080.29 sq.cm (v) 1850.29 sq.cm

3. If the radius of a sphere is 10.00 cm, its volume is



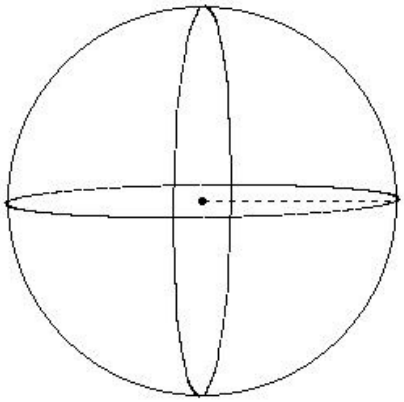
(i) 4310.48 cu.cm (ii) 4190.48 cu.cm (iii) 4340.48 cu.cm (iv) 4160.48 cu.cm (v) 4050.48 cu.cm

4. If the L.S.A of a sphere is 4073.14 sq.cm, its radius is



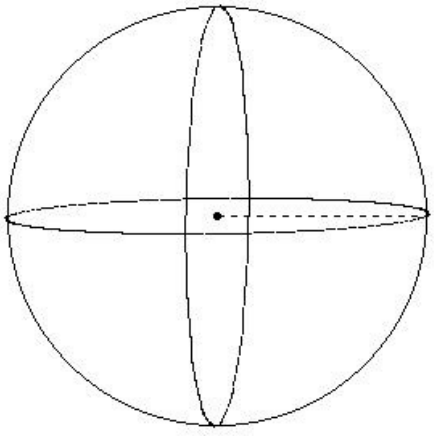
(i) 15.00 cm (ii) 18.00 cm (iii) 13.00 cm (iv) 21.00 cm (v) 23.00 cm

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



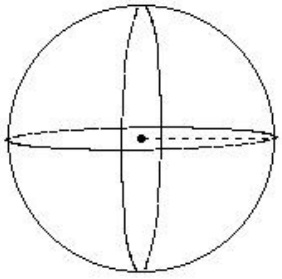
(i) 2040.29 sq.cm (ii) 1840.29 sq.cm (iii) 1750.29 sq.cm (iv) 1670.29 sq.cm (v) 1810.29 sq.cm

6. If the L.S.A of a sphere is 2124.57 sq.cm, its volume is



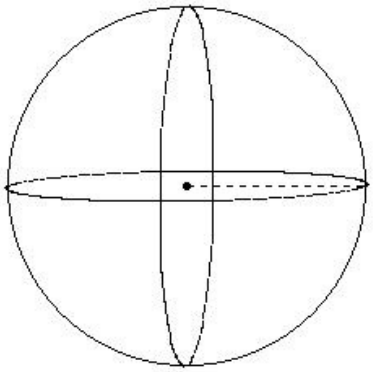
(i) 9276.48 cu.cm (ii) 8966.48 cu.cm (iii) 9206.48 cu.cm (iv) 9336.48 cu.cm (v) 9126.48 cu.cm

7. If the T.S.A of a sphere is 804.57 sq.cm, its radius is



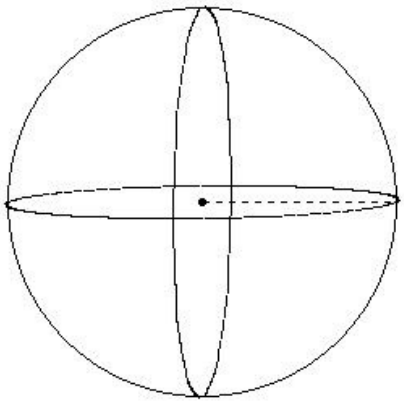
(i) 8.00 cm (ii) 6.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 10.00 cm

8. If the T.S.A of a sphere is 1521.14 sq.cm, its L.S.A is



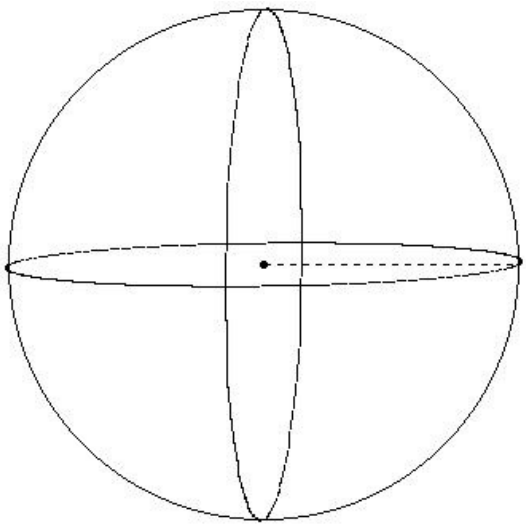
(i) 1521.14 sq.cm (ii) 1741.14 sq.cm (iii) 1571.14 sq.cm (iv) 1291.14 sq.cm (v) 1351.14 sq.cm

9. If the T.S.A of a sphere is 1810.29 sq.cm, its volume is



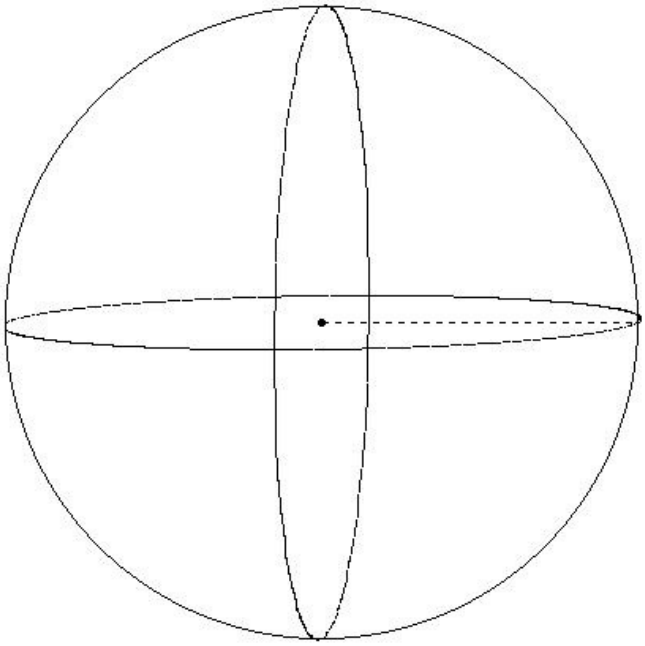
(i) 7001.14 cu.cm (ii) 7171.14 cu.cm (iii) 7241.14 cu.cm (iv) 7501.14 cu.cm (v) 7261.14 cu.cm

10. If the volume of a sphere is 17164.19 cu.cm, its radius is



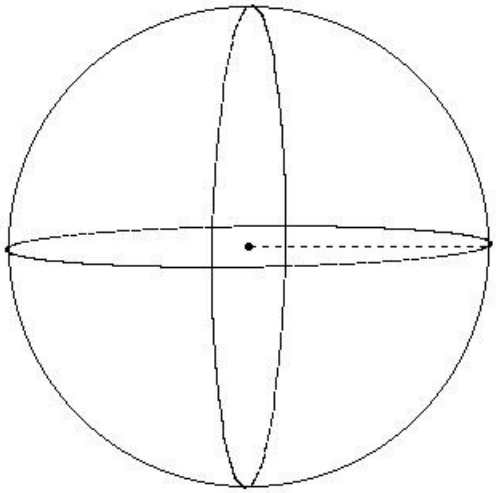
(i) 19.00 cm (ii) 21.00 cm (iii) 13.00 cm (iv) 11.00 cm (v) 16.00 cm

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



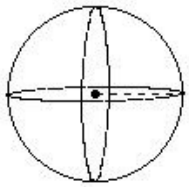
(i) 4948.57 sq.cm (ii) 4908.57 sq.cm (iii) 5028.57 sq.cm (iv) 5058.57 sq.cm (v) 5278.57 sq.cm

12. If the volume of a sphere is 14142.86 cu.cm, its T.S.A is



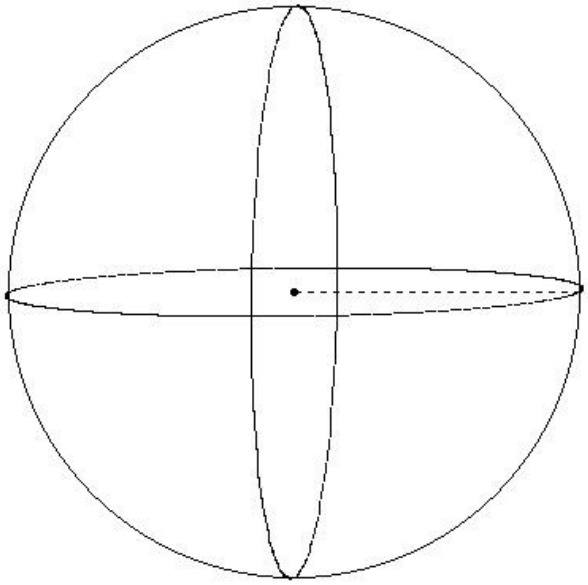
(i) 2608.57 sq.cm (ii) 2828.57 sq.cm (iii) 3108.57 sq.cm (iv) 2998.57 sq.cm (v) 2678.57 sq.cm

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



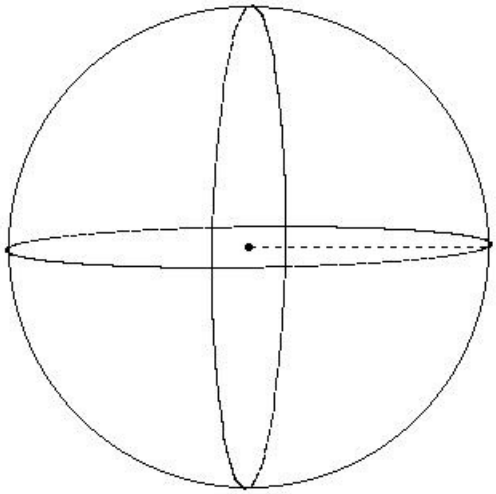
(i) 296.29 sq.cm (ii) 327.29 sq.cm (iii) 314.29 sq.cm (iv) 289.29 sq.cm (v) 328.29 sq.cm

14. If the radius of a sphere is 18.00 cm, its T.S.A is



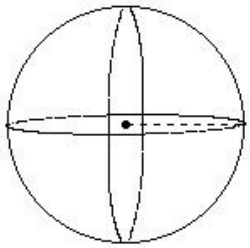
(i) 3843.14 sq.cm (ii) 4213.14 sq.cm (iii) 4073.14 sq.cm (iv) 4333.14 sq.cm (v) 4023.14 sq.cm

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



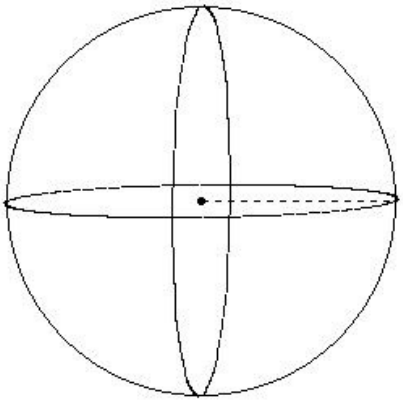
(i) 16842.86 cu.cm (ii) 14842.86 cu.cm (iii) 11742.86 cu.cm (iv) 14142.86 cu.cm (v) 12542.86 cu.cm

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



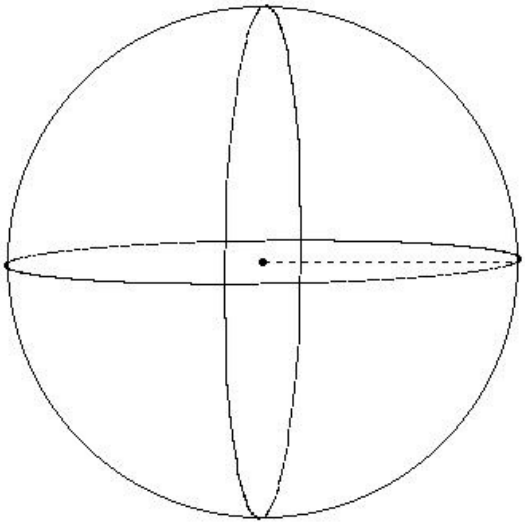
(i) 6.00 cm (ii) 9.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 8.00 cm

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



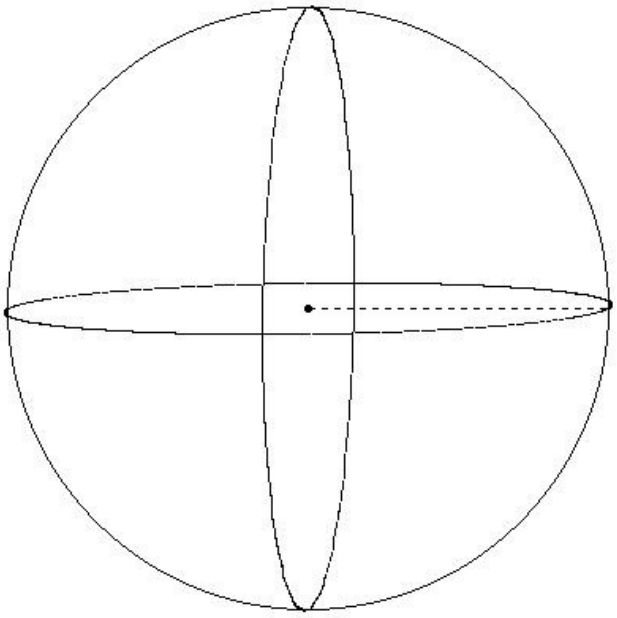
(i) 1770.29 sq.cm (ii) 2040.29 sq.cm (iii) 1810.29 sq.cm (iv) 1540.29 sq.cm (v) 1990.29 sq.cm

18. If the L.S.A of a sphere is 3218.29 sq.cm, its volume is



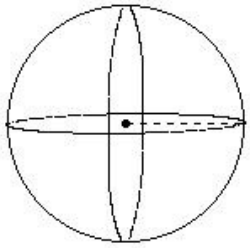
(i) 19664.19 cu.cm (ii) 17164.19 cu.cm (iii) 15864.19 cu.cm (iv) 14364.19 cu.cm (v) 18864.19 cu.cm

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



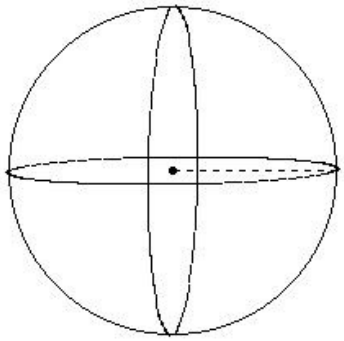
(i) 14.00 cm (ii) 19.00 cm (iii) 24.00 cm (iv) 22.00 cm (v) 16.00 cm

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



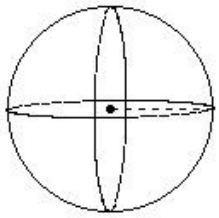
(i) 629.00 sq.cm (ii) 616.00 sq.cm (iii) 602.00 sq.cm (iv) 631.00 sq.cm (v) 594.00 sq.cm

21. If the T.S.A of a sphere is 1257.14 sq.cm, its volume is



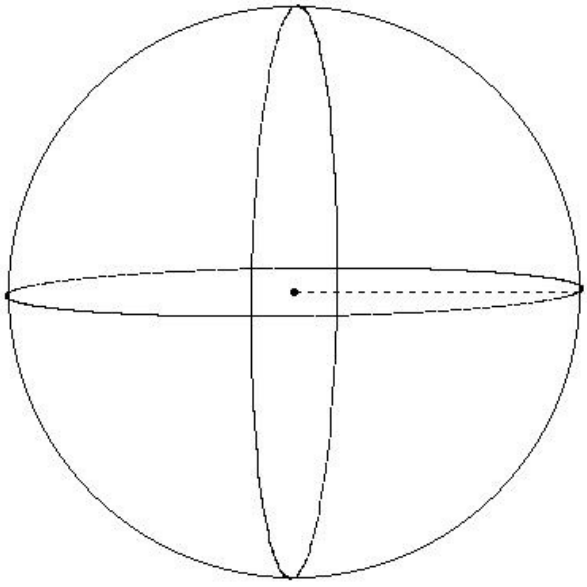
(i) 4350.48 cu.cm (ii) 4190.48 cu.cm (iii) 4240.48 cu.cm (iv) 4050.48 cu.cm (v) 4160.48 cu.cm

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



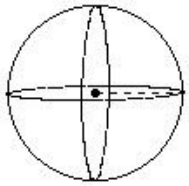
(i) 5.00 cm (ii) 4.00 cm (iii) 8.00 cm (iv) 6.00 cm (v) 7.00 cm

23. If the volume of a sphere is 24438.86 cu.cm, its L.S.A is



(i) 3933.14 sq.cm (ii) 3903.14 sq.cm (iii) 4073.14 sq.cm (iv) 4133.14 sq.cm (v) 4353.14 sq.cm

24. If the volume of a sphere is 523.81 cu.cm, its T.S.A is



(i) 312.29 sq.cm (ii) 300.29 sq.cm (iii) 337.29 sq.cm (iv) 320.29 sq.cm (v) 314.29 sq.cm

Assignment Key

1) (iii)	2) (i)	3) (ii)	4) (ii)	5) (v)	6) (iii)
7) (i)	8) (i)	9) (iii)	10) (v)	11) (iii)	12) (ii)
13) (iii)	14) (iii)	15) (iv)	16) (iii)	17) (iii)	18) (ii)
19) (ii)	20) (ii)	21) (ii)	22) (iv)	23) (iii)	24) (v)

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