10. MENSURATION

1. Area of circle with d as diameter is ____ sq.units
2. Number of diameters of a circle is ____
3. The ratio between the volume of a cone and a cylinder is ____
4. Heap of stones is example of ____
5. Volume of a cylinder =88cm^3, r = 2cm then h = ____ cm
6. Area of Ring = ____
7. Book is an example of ____
8. The edge of a pencil gives an idea about ____
9. In a cylinder d = 40cm, h = 56cm then CSA = ____ cm^2
10. If each side of a cube is doubled then its volume becomes ____ times
11. r=2.1cm then volume of the sphere is ____ cm^3
12. The volume of right circular cone with radius 6cm and height 7cm is ____ cm^3
13. Laddu is in ____ shape
14. In a cylinder r = 1cm, h = 7cm, then TSA = ____ cm^2
15. The base of a cylinder is ____
16. In a cylinder r = 10cm, h = 280cm then volume = ____ cm^3.
17. Volume of cube is 1728 cm then its edge is ____ cm
18. If d is the diameter of a sphere then its volume is ____ cubic units
19. Volume of cylinder is ____
20. Circumference of semi circle is ____ units
21. The area of the base of a cylinder is 616 sq.cm then its radius is ____
22. Volume of hemisphere is ____
23. T.S.A of a cube is 216cm^2 then volume is ____ cm^3
24. In a square the diagonal is ____ times of its side.
25. Volume of sphere with radius r units is ____ cubic units
26. In the cone l^2 = ____
27. Number of radii of a circle is ____
28. Number of edges of a cuboid is ____
29. Diagonal of a cuboid is ____

30. In a hemisphere r = 3.5cm, then L.S.A = ____ cm^2
31. L.S.A of cone is ____
32. Rocket is a combination of ____ and ____
33. Volume of cone is ____ (or) ____
34. The surface area of sphere of radius 2.1 cm is ____ cm^2
35. In a cone r = 7cm, h = 21cm Then l = ___ cm
36. The base area of a cylinder is 200 cm^2 and its height is 4cm then its volume is ____ cm^3.
37. The diagonal of a square is $7\sqrt{2}$cm. Then its area is ____ cm^2
38. The ratio of volume of a cone and cylinder of equal diameter and height is ____
39. In a cylinder r = 1.75cm, h = 10cm, then CSA = ____ cm^2
40. T.S.A of cylinder is ____ sq.units.

ANSWERS

1) $\pi d^2/4$; 2) infinite; 3) 1:3; 4) cone; 5) 7; 6) $\pi(R^2–r^2)$; 7) cuboid; 8) cone; 9) 7040; 10) 8; 11) 38.808; 12) 264; 13) spherical; 14) 50.28; 15) circle; 16) 88000; 17) 12; 18) $1/6\pi d^3$; 19) $\pi r^2 h$; 20) 36/7r. 21) 14cm; 22) $2/3\ \pi r^3$; 23) 216; 24) $\sqrt{2}$; 25) $4/3\ \pi r^3$; 26) $r^2 + h^2$; 27) infinite; 28) 12; 29) $\sqrt{1^2 + b^2 + h^2}$; 30)77; 31) πrl; 32) cone, cylinder; 33) 1/3×volume of cylinder (or) $1/3\times\pi r^2 h$; 34) 55.44; 35) $\sqrt{490}$; 36) 800; 37) 49; 38) 1:3; 39) 110; 40) $2\pi r\ (h+r)$.