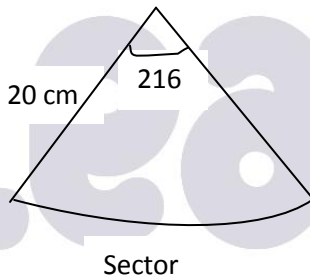




Subject:	MATHEMATICS	Chapter:	SOLIDS		
Class:	X	Batch:	LOT	LOT 2020 (M-8)	Date: 04/05/2020
No. of Questions:		Type:	Descriptive	Mark: 20	Time: 45 mts

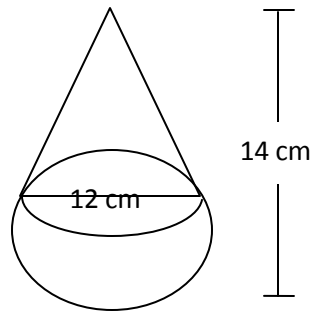
1. What is the slant height of a square pyramid with height 8 cm and base edge 12 cm? (2)
2. The T.S.A of a hemisphere is $432 \pi \text{cm}^2$. What is the volume of hemisphere? (3)
3. A metal sphere of a diameter 24 cm is melted and recast in to cone of diameter 12 cm & height 6 cm. How many such cones are got? (3)
4. From the figure (4)



- a) Find slant height of the cone?
 - b) Find radius of cone?
 - c) Find height?
 - d) Find volume?
5. A square pyramid have base area 100 cm^2 and L.S.A. 260 cm^2 . (4)
 - a) What is the base edge?
 - b) What is slant height?
 - c) What is the height?
 - d) What is the volume?

6. From the figure

(4)



- a) Find the height of cone?
- b) Find slant height of cone?
- c) Find volume of solid?
- d) Find T.S.A of solid?

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