

MENSURATION

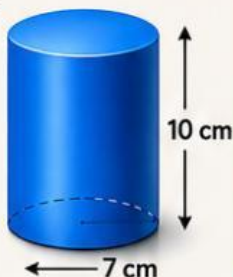
10 MCQs for Class 10

Shape Your Future!

Maths in Real Life!

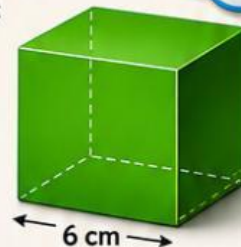
- 1 The curved surface area of a cylinder of radius 7 cm and height 10 cm is:

A) 220 cm^2
 B) 440 cm^2
 C) 880 cm^2
 D) 1540 cm^2



- 2 The total surface area of a cube of side 6 cm is:

A) 36 cm^2
 B) 144 cm^2
 C) 216 cm^2
 D) $216 \times 6 \text{ cm}^2$



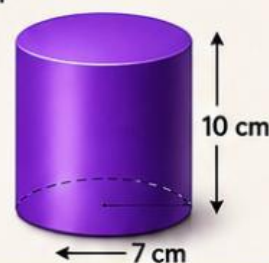
- 3 The volume of a cube of side 5 cm is:

A) 25 cm^3
 B) 75 cm^3
 C) 125 cm^3
 D) 250 cm^3



- 4 The volume of a cylinder of radius 7 cm and height 10 cm is:

A) 1540 cm^3
 B) 770 cm^3
 C) 3080 cm^3
 D) 462 cm^3



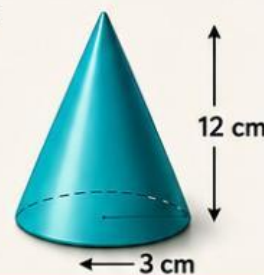
- 5 The curved surface area of a cone of radius 7 cm and slant height 25 cm is:

A) 550 cm^2
 B) 275 cm^2
 C) 1100 cm^2
 D) 1375 cm^2



- 6 The volume of a cone of radius 3 cm and height 12 cm is:

A) $36\pi \text{ cm}^3$
 B) $72\pi \text{ cm}^3$
 C) $108\pi \text{ cm}^3$
 D) $144\pi \text{ cm}^3$



- 7 The surface area of a sphere of radius 7 cm is:

A) 308 cm^2
 B) 616 cm^2
 C) 154 cm^2
 D) 462 cm^2



- 8 The volume of a sphere of radius 7 cm is:

A) $\frac{1372}{3} \pi \text{ cm}^3$
 B) $\frac{686}{3} \pi \text{ cm}^3$
 C) $1372\pi \text{ cm}^3$
 D) $686\pi \text{ cm}^3$



- 9 A hemisphere of radius 7 cm has curved surface area:

A) 154 cm^2
 B) 308 cm^2
 C) 462 cm^2
 D) 616 cm^2



- 10 The volume of a hemisphere of radius 7 cm is:

A) $\frac{686}{3} \pi \text{ cm}^3$
 B) $\frac{1372}{3} \pi \text{ cm}^3$
 C) $\frac{2744}{3} \pi \text{ cm}^3$
 D) $1372\pi \text{ cm}^3$



Practice
Makes
Perfect!

Measure Today,
Achieve Tomorrow!