



SCIENCE

Class ▶ VII Section ▶

Date ▶

Name ▶

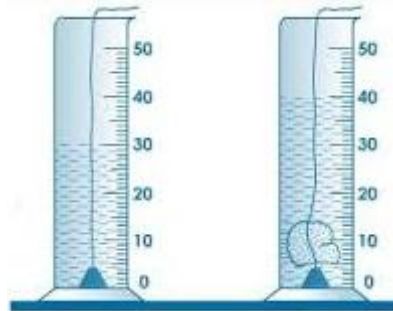
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PHYSICS

- 1 A SONAR receives a strong echo of ultrasonic signal it sent downwards into the sea 3.6 seconds after the transmission. Calculate the depth of the sea-bed if the speed of ultrasonic waves in sea-water is 1250 m/s.
- 2 What is an echo? Give any two applications of echo?
- 3 • A lucite cube has a mass of 142.5 g and a width of 4.9 cm. Determine its density in kg/m^3 .
4. Amit has an iron piece of mass 79g. He measured the volume of the iron piece by placing it in a measuring jar. Observe the given pictures.

Calculate(i) the volume of the iron piece

And (ii) the density of iron



CHEMISTRY

- 1 Give three important uses of oxygen.
- 2 What are the tests of carbon dioxide?
- 3 What is the use of solid carbon dioxide?
- 4 What are the tests for oxygen?
- 5 How is oxygen in the air regenerated?

BIOLOGY

- I. Draw neat labeled diagram of different types of muscular tissues.
- II. Answer the following.
 1. Name the three basic shapes of bacteria in Latin.
 2. Write the mode of nutrition in fungi.
 3. Mention two uses of protozoa.