

2. Fill in the blanks.

(a) Burning of wood and coal causes _____ of air.

(b) A liquid fuel, used in homes is _____.

(c) Alcohol is produced with the help of _____.

(d) Cholera is caused by _____.

(b) A charged body _____ an uncharged body towards it.

(c) To move a loaded trolley we have to _____ it.

6. Make a labelled diagram of a candle flame.

5. Give reasons.

- (a) Water is not used to control fires involving electrical equipment.
- (b) LPG is a better domestic fuel than wood.
- (c) Paper by itself catches fire easily whereas a piece of paper wrapped around an aluminium pipe does not.

5. In the following situations identify the agent exerting the force and the object on which it acts. State the effect of the force in each case.
- (a) Squeezing a piece of lemon between the fingers to extract its juice.
 - (b) Taking out paste from a toothpaste tube.
 - (c) A load suspended from a spring while its other end is on a hook fixed to a wall.
 - (d) An athlete making a high jump to clear the bar at a certain height.

9. A rocket has been fired upwards to launch a satellite in its orbit. Name the two forces acting on the rocket immediately after leaving the launching pad.

4. What will happen if.

(a) we go on cutting trees.

(b) the habitat of an animal is disturbed.

(c) the top layer of soil is exposed.

5. Tick True/False against the following statements.

- (a) Fossil fuels can be made in the laboratory. (T/F)
- (b) CNG is more polluting fuel than petrol. (T/F)
- (c) Coke is almost pure form of carbon. (T/F)
- (d) Coal tar is a mixture of various substances. (T/F)
- (e) Kerosene is not a fossil fuel. (T/F)

7. Describe characteristics and uses of coke.

30. Observe the vessels A, B, C and D shown in Fig. 11.10 carefully.

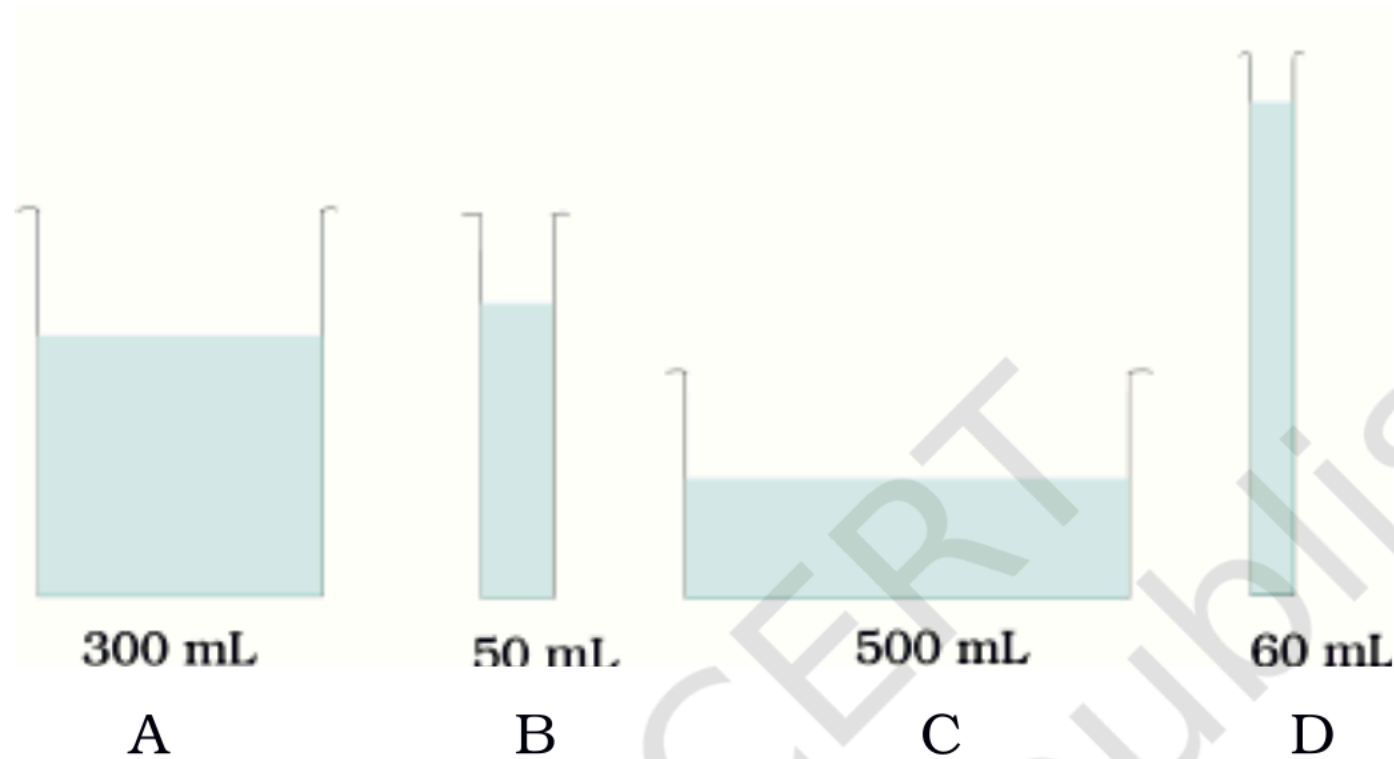


Fig. 11.10

Volume of water taken in each vessel is as shown. Arrange them in the order of decreasing pressure at the base of each vessel. Explain.

26. It is difficult to cut cloth using a pair of scissors with blunt blades.
Explain.

25. Fill in the blanks and complete the story.

About 300 million years ago the earth had dense _____ in low lying wetland areas. Due to natural processes, like _____, these forests got buried under the _____. As more _____ deposited over them, they were compressed. The _____ also rose as they sank deeper and deeper. Under high _____ and high _____, dead plants got slowly converted into coal.