

Board – CBSE

Class –6

Topic- Water (question – answer)– als and

Question 1

How much water does a man use daily? Give a rough idea.

Answer:

50-100 litres.

Question 2

What are the various activities for which water is needed?

Answer:

- Bathing
- Drinking
- Washing clothes
- Toilet etc.

Question 3

Why is water important for us?

Answer:

- Water regulates body temperature by the process of respiration and evaporation.
- All metabolic reactions in the body take place in aqueous medium.
- It transports minerals and food materials in plant's and animal's body.

Question 4

Why rivers originating from Himalayas do not dry during summer?

Answer:

Rivers originating from the Himalayas do not dry up during summers because they continue to get water from the melting snow on the mountains.

Question 5

What do you mean by potable water?

Answer:

The water which is suitable for drinking is called potable water

Question 6

Name some sources of water.

Answer:

Hand pump, tube well, river, pond, lake, ocean, etc.

Question 7 What is the ultimate source of water?

Answer:

Rain.

Question 8

What are the different forms of precipitation?

Answer:

The different forms of precipitation are:

- Rain
- Hail/Snow
- Dew.

Question 9

Is evaporation endothermic or exothermic process?

Answer:

Evaporation is endothermic process.

Question 10

Can we use the water in the oceans and seas for drinking and other purposes? Why?

Answer:

No, we cannot use the water in the oceans and seas for drinking and other domestic agricultural and industrial needs because water in the ocean and seas has much salts dissolved in it – the water is saline.

Question 11

What is water cycle?

Answer:

Water cycle: The water cycle is the journey of water from the oceans and other large bodies of water to the land and from the land back to the water bodies. The water cycle is also called the hydrologic cycle. The main driving forces of the water cycle are the sun's heat

and gravity.

Question 12

What are the different ways by which water vapour is put into the atmosphere?

Answer:

Water in oceans, lakes and ponds gets evaporated due to atmospheric heat. Factories and thermal power stations produce a lot of steam and put it into the atmosphere. Plants throw out water vapour by transpiration. Animals excrete water vapour through respiration and sweating. All this vapour accumulates in the atmosphere.

Question 13

How will you show the presence of water vapour in the air?

Answer:

First, take a clean glass and put some ice cubes in it. Keep it in the open air. After some time, small droplets of water will be observed on the outer surface of the glass. This is because water vapour in the air comes in contact with cold surface of glass and condenses. These droplets of water are due to condensation of water vapour present in the air.

Question 14

What is precipitation? Does precipitation in atmosphere always result in rain?

Answer:

We think of rain or snow when clouds appear in the sky. But, many a times, it does not rain even though the sky may be covered with clouds. We now know that clouds carry small droplets of water in them. It may so happen that:

- Many droplets of water come together to form larger sized drops of water. Such drops of water may become so heavy that they begin to fall. Falling of water drops is called precipitation. If the water during precipitation remains liquid till it reaches the surface of the earth, we have rains.
- Sometimes precipitation may be in the form of hail or snow. Water in a hail or snow is in its frozen or solid form.

Many a times, especially during winter nights, the air near the surface becomes cool. As a result, the water vapour present in it condenses to form water droplets. These water

droplets appear as dew, which you might have observed on leaves or flowers in the morning during winters.

Question 15

What is transpiration and write the factors affecting it?

Answer:

A part of water absorbed by the plants is released by plant through their leaves into the air by a process called transpiration.

Transpiration is affected by the following factors:

- Temperature.
- Humidity.
- Windspeed.
- Time of the day.