

Textbook questions

Homework 3

Instructions for students: Follow your teacher's instruction. Also you can attempt this test online and see your result.

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Topic: Textbook questions

Dates: 25.10.2022 until unlimited

Question count: 3

Total marks: 10

1. Very short answer questions II (4 m.)

1. Take out of cooled bottle of water from refrigerator and keep it on a table. After some time you notice a puddle of water around it. Why?

The air around the bottle

A) cools

B) evaporates

as the cooled surface of the bottle cools, and the air's water vapour

A) condenses

B) vapourises

. So, after some time, a puddle of water can be noticed around the bottle.

2. We could see clouds almost every day. Why doesn't it rain daily?

- A) The chemical reaction has not occurred between cloud and air.
- B) Clouds are not responsible for rain.
- C) Clouds do not contain enough chemical compounds.
- D) To produce larger droplets, the millions of tiny droplets do not collide with one another.

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2. Very short answer questions III (4 m.)

1. Name the places where water is found as ice.

Polar ice-caps, ice sheets and glaciers in

- A) Africa
- B) Australia
- C) Arctic region and Antarctica

2. What are the types of rain water harvesting?

There are

- A) thee
- B) four
- C) two

types of rainwater harvesting.

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3. Very short answer questions IV (2 m.)

How do aquatic animals manage to live in Arctic and Antarctic Circle?

Water in lakes and ponds will freeze in the Arctic and Antarctic circles, forming a solid layer of ice on the water's surface. Still, aquatic animals that live beneath the ice do not die. This is because the floating layer of ice

- A) acts as a protective coat
- B) does not act as a protective coat

and

- A) permit heat to escape from water
- B) doesn't permit heat to escape from water

. So, as the surface water alone turns to ice, the aquatic animals manage it.

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