

# Textbook questions Homework 3

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



[Solve online](#)

## 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) three
- 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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