

## Chapter - 5

Pg no. 1  
Date:

### Air, Water and Weather.

B. Fill in the blanks:

- 1) The sun is the most important factor which controls temperature.
- 2) The summer has longer and better days.
- 3) Land warms up quickly than water during the day.
- 4) In the process of sedimentation water is allowed to stand undisturbed in a container.
- 5) Adding chlorine tablets in water kill germs.

C. Mark a (✓) for true and a (✗) for false statement

- 1) The sun heats land and water differently. ✓
- 2) sea breeze blows from land to sea. ✗
- 3) Drinking water should be clean. ✓

4) Chlorination makes water poisonous.

D. Match the columns.

Column A

Column B:

- |  |                          |
|--|--------------------------|
| 1) Water evaporates faster                                     | a) evaporation ③         |
| 2) Water evaporates slowly                                     | b) dew ④                 |
| 3) Condensation is reverse of                                  | c) When the air is dry ① |
| 4) Fine droplets of water on grass in the morning are known as | d) in cool weather. ②    |

E. Tick (✓) the correct answer:

1). The change of water vapour into water by cooling is called:

- |   |   |
|---|---|
| a) evaporation <input type="checkbox"/>   | b) condensation <input checked="" type="checkbox"/> ✓ |
| c) sedimentation <input type="checkbox"/> |   |

2. The formation of water droplets on the grass in winter mornings is called:

- a) dew  b) frost  c) fog

3. Which of the following does not increase the evaporation process?

- a) blowing wind  b) higher temperature   
c) dry air

- Q1. Answer the following questions :-
- Q2. What is the role of the sun in changing weather?

~~Ans1~~ The Sun plays an important role in causing changes in weather. It is the main source of heat.

~~Ans2~~ The heat of the sun causes winds to blow. It also causes changes in the state of water. Changes in the state of air and water cause changes in weather.

- Q2 Why are the days warmer than nights?

~~Ans2~~ Days are warmer than nights. This is because the sun's rays fall upon the earth.

during the day. They warm the land, air and water.

Q.3. What causes the wind to blow?

Ans 3) The heat of the sun also causes winds to blow. When the air gets heated up due to the sun, it becomes lighter. The warm air rises up. Cool air (which is heavier) then comes into take its place. This movement of air causes winds.

Q4. What does the wind blow from the land to the sea at night?

Ans 4) At night, the land cools down faster than the sea. Now the air above the sea is warmer than the air above the land.

The warm air rises up and the cool air from the land moves justles towards the sea.

Q5. Why do we need to purify water?

Ans 5) We need to purify water because unclean and dirty water contains many harmful chemicals and micro-organisms which can cause various diseases to us.

Q6. What is chlorination?

Ans 6) Chlorine is a gas that kills germs. The process of purifying water by adding chlorine is called chlorination.