



***Pre activity.** Draw and color your favorite season and write few lines about it.

***Key words.**

Water logging, stilt, influence, bitter, weather, tropic of cancer, humidity , adverse effects,

Q1.Fill the blanks.

1. **Mawsynram** is the wettest place in the world.
2. Dumping plastic bags leads to **land** pollution.
- 3.**December and January** are the coldest winter months.
- 4.Rainy season is also called **the monsoon** season.

Q2. Write true or false.

1. Distance from the sea is one of the factors that affect climatic conditions in India.
True
2. The monsoon winds are always on time. **False**
3. Nitrous oxide is not a greenhouse gas. **False**
4. India lies bellow the equator. **False**

Q3. Short answer questions.

1. **Name the factors affecting climate.**

Ans. The factors that influence the climate of our country are geographical location, distance from the sea, physical features, the Northern Mountain Ranges and monsoon winds.

2.**Name the greenhouse gases.**

Ans. Greenhouse gases include carbon dioxide, chlorofluorocarbons, nitrous oxide and water vapour.

Q4. Long answer questions.

1. **Differentiate between weather and climate.**

Ans. i) Weather refers to the changes taking place in the conditions of the atmosphere over a short period of time (may be hours). Weather can be hot, windy, snowy, rainy, cloudy or sunny.

ii) **Climate** refers to the average weather conditions of a larger area over a longer period of time, usually over a 30 year time period

2. Write a short note on the summer season.

Ans. The hot weather season is known as summer. In India, this extends from mid-March till the end of June. The general weather remains hot and dry all parts of India, except in mountains. During the summer season days are longer than the nights and hot and dry winds called 'loo' along with dust storms blow in the northern plains.

3. What is global warming? What are its effects?

Ans.i. Greenhouse gases in the atmosphere trap the heat from the Sun and this leads to a rise in temperature on the Earth, this is known as global warming.

ii. This affects various climatic conditions and results in droughts, floods and melting of polar ice caps.

iii. It might cause destruction to life, property and affects the production of crops and all related industries.

4. How do the climate conditions of a place affect the people living there?

Ans. Our lifestyle, eating habits, clothes and types of houses we live in, etc. all depend on the climatic conditions of the place. For example, people living in a hilly region wear woollen clothes to protect themselves from the cold. Also, people living in areas with heavy rainfall prefer to have stilt houses with slanting roofs to avoid water logging

5. Write a note on pollution.

Ans. Pollution is the introduction of harmful substances into the environment such as air, water and land. Pollution is leading to climate change.

I) Activities like washing clothes and bathing animals in rivers, and release of industrial waste in various water bodies lead to water pollution.

II) Dumping of solid wastes such as plastic bags, glass bottles and metal objects on land leads to land pollution.

III) Activities like burning of fuels, cutting down of trees, use of refrigerators and air conditioners, release of smoke from vehicles and factories etc. increase the greenhouse gases in the atmosphere and lead to air pollution.

***Post activity.**

How can we apply 3Rs in our daily lives?

In conclusion the 3Rs: reuse, reduce and recycle are essential for protecting our environment. Reusing items, reducing our consumption and recycling help to reduce the amount of waste.

TEACHER

HOD

COORDINATOR

PRINCIPAL