

SHORT QUESTIONS

Q1. Define pollution?

Ans. The addition of harmful material to environment is called pollution.

Q2. What is air pollution?

Ans. Due to human actions and activities, air become dirty and smoky which is called air pollution .it is not fit for breathing and cause different respiratory diseases.

Q3. Write a short note on water pollution?

Ans. The change of physical, chemical and biological properties of water is called water pollution. It makes water poisonous. It also causes different disease.

Q4. How noise pollution affect our life, Explain briefly?

Ans.

- **It is slow poisoning for us.**
- **It has psychological impact i.e. aggressive mode, anger and discomfort of sleep.**
- **It can cause deafness, hypertension, headache, increase heart beat, stress and tension.**

Q5. What is green house gas?

Ans. Green house gases are gases in the atmosphere that absorb and emit heat energy of the sun.

Q6. Why temperature of the earth is increase?

Ans. The temperature of earth is increase the burning of fossil fuels and deforestation.

Q7. Define noise pollution?

Ans. A sound which is unpleasant, loud and disturbing to ears is called noise.

LONG QUESTIONS

Q1. Highlight various cause of environmental problem?

Ans. various environment problems and causes are as under.

Causes of air pollution:

- **Volcanic actions.**
- **Forest fires.**
- **Smoke of vehicles and factories.**
- **Burning of coal and other organic products.**
- **Power station.**

Causes of water pollutions:

- **Polluted water of industries.**
- **Sewage water.**
- **Soil erosion.**
- **Landslides.**
- **Fertilizers**
- **Leakage of gasoline and septic tanks.**

Causes of noise pollution:

- **All kind of vehicles.**
- **Nearby airports.**
- **Televisions and music system.**

Causes of soil pollution:

- **Chemicals.**
- **Agricultures wastes and fertilizers.**
- **Nuclear waste which is dumped into soil.**

Q2. Describe the cause of global warming and evaluate its impact of life?

Ans. Global warming is the increase in normal atmospheric temperature.

Causes:

- **Increase in green gases.**
- **Cutting of forest and less plantation.**
- **Burning of fossil fuels.**
- **Use of chloroform carbon (CFCS).**

Impacts:

- The average temperature of earth is increasing continuously.
- Glaciers are melting rapidly increasing the levels of seas.
- More evaporation will result in more rains and floods.
- In some areas, there will be no rain and no floods.
- Some diseases will spread.

Q3. Describe air pollution in detail?

Ans. Air pollution: It is most harmful form of pollution in our environment. It is caused by the release of harmful gases and particulates into the atmosphere. The injurious smoke emitted by vehicles and smokes from burning of plastic and rubber etc also contribute in air pollution. Some other pollutants are Sulphur-dioxide, chlorofluorocarbon (CFCS), carbon-dioxide, carbon-monoxide, nitrogen-oxides which are produced by industries and motor vehicles. CFCS are mainly released by refrigerators, air-conditioners, aerosols and insecticides etc.

Effect of air pollution:

- Reduced long functioning threat.
- Irritation of eyes, nose, mouth and
- Asthma attacks, respiratory symptoms such as coughing and wheezing.
- Increase respiratory disease such as bronchitis, headaches and dizziness.
- Nervous system disorders.
- Cardiovascular problems.
- Canner.
- Air pollution badly affects aquatic life.
- It causes acid rain which destroys the leaves of plants and makes the soil unsuitable for cultivation.

Q4. Discuss the solution to reduce environmental pollution?

Ans. We need preserve our environment. We can protect our environment by adopting the following measures.

- Prevent open burning of backyard trash, leaf burning and plastic and rubber burning.
- Avoid contamination water.
- Prevent flow of untreated sewerage water from industries.
- Initiate programs to educate people to protect environment from pollution.
- Reusing and recycling of newspaper, plastic bags, glass bottles and jars, motor oil and metal can also minimize pollution.

- **Avoid the frequent use of electrical appliance for things one can easily do by hands.**
- **Conserve electricity by turning off the lights, television or other electrical appliances when not in use.**
- **Encourage practices like farming forestry, wild gardening and scientific agriculture.**
- **Store food in re-usable containers, instead of plastic wraps and aluminum foils.**
- **Implement laws to prevent various types of pollution as well as to mitigate the adverse effects pollution.**
- **Use cloth bags instead of plastic bags.**

Q5. Describe greenhouse effect?

Ans. Greenhouse effect; Rays from the sun heat up the earth and these energy then escapes back out into space. Greenhouse gases, however, trap this energy and prevent its escaping, due to which the temperature of the earth increases. Human house disturbed the natural balance, causing too much heat to be trapped in the atmosphere. This phenomenon is known as greenhouse effect.

Greenhouse gases play a major role in global warming. These gases include carbon dioxide, nitrous oxide, CFCS and methanol. Although these are natural gases but human activities and industries have increase their levels.

For example: Agriculture activities increase the level of nitrous oxide through the use of fertilizers and the level of methane from animal farming. The use of fossil fouls, particularly those which are used in cars have increased the amount of carbon dioxide in the atmosphere.

Human have also affected the natural balance of gases in atmosphere through deforestation.