

Abhyas Test Science

1) The marble is made up of Calcium Carbonate and when acid rains present in rain react with Calcium Carbonate. It is known as marble cancer.

2) (Sec 2)

1) Ozone protect the earth from harmful UV rays from the sun. Without ozone layer in the atmosphere, life on earth would be very difficult. With a ozone shield - human can cause skin cancer.

2) Acid rain caused by chemical reaction that begins when compound like sulfur dioxide and nitrogen oxides are released into the air.

3) Greenhouse gas is process that occurs when gases in earth's atmosphere trap the sun heat.

1) Biodegradable pollutants are those which are decomposed by natural biological agents

Non biodegradable pollutants that do not decompose

Examples - biodegradable - urine, domestic waste, wood, paper etc

'' '' - Non biodegradable - DDT, plastic

(Sec - 3 marks)

1) destroyed upper ozone layer -

(Sec - 4 marks)

8) Criteria for ideal fuel:-

- 1) The fuel should have high calorific value
- 2) The fuel should have proper ignition temperature
- 3) The rate of combustion should be balanced
- 4) The content of non volatile substance should be as low as possible

9) An electrostatic and scrubbers that uses static electricity to remove dust and ash from exhaust fumes before the exit the smokestacks. This one common air pollution control device.

10) Measures to reduce air pollution:-

- Reduce the number of trips you take in your car.
- Reduce or eliminate fireplace and wood stove use.
- Avoid burning leaves, and other material.
- Avoid using gas powered lawns and garden equipment.