

Ans 1 The acid in the acid rain react with marble and degrade it. This is called Marble cancer.

Ans 2 Ozone is a gas in the Atmosphere which protect us from UV rays

Ans 3 Acid rain is caused ~~when~~ ~~comp~~ by a chemical reaction that begins where compounds like sulfur dioxide and nitrogen oxide mix and reacts with water, oxygen and other chemicals

Ans 4 The greenhouse effect is a process that occurs when gases in atmosphere trap the sun's heat. ~~This~~ This process makes earth much warmer and cause global ~~warm~~ warming.

Ans 5

Biodegradable

Non biodegradable

1

Material which get easily decomposed in the soil are called biodegradable pollutants.

(1) Materials which take a long time to decompose in the soil are called non-biodegradable pollutants.

2

For e.g. vegetables, dead-decaying matter, banana peel etc.

(2) For e.g. DDT, iron, polythene, plastic etc.

Ans 6

When CFC's released into the air it rise to the stratosphere where they come in contact with other gases, which leads to a reduction of the ozone layer. Lead can cause us high blood pressure and kidney damage when released inhaled.

Ans 7 Criteria of ideal fuel is are -

- 1 It should have high calorific value
- 2 It should have proper ignition temperature
- 3 The rate of combustion should be balanced
- 4 There should be no poisonous byproducts on combustion
- 5 The fuel should be available at low cost

Ans 8 scrubbers trap suspended particles of dirt by direct contact with a spray of water or other liquids.

An electrostatic precipitator is a type of filter that uses static electricity to remove soot and ash from exhausted fumes.

Ans 9 ¶ There are many measures which we can take to reduce air pollution. For example

- 1 Using electric cars
- 2 Recycle and reuse
- 3 Avoid using plastic bags
- 4 Reduction of forest fire
- 5 Avoid Usage of crackers
- 6 Implement Afforestation

These are some of the ways by which we can reduce air pollution