

Practice worksheet for class 8

Chapter 18:- Pollution of Air and Water

Q.A) Complete the following.

- 1.) Air consists of 78% of nitrogen and about 21% of oxygen.
- 2.) Water which is suitable for drinking is called potable water.
- 3.) Reduce, Reuse and Recycle should be our mantra.
- 4.) Co₂ is also called greenhouse gases.
- 5.) Smog is made up of smoke and fog.
- 6.) Carbon monoxide is produced from incomplete burning of fuels.

Q. B.) Short answer questions.

1. How does air get polluted?

Answer:- The substances which contaminate the air are called air pollutants.

2. What are water pollutants?

Answer:- The substance that pollute water are called water pollutants.

3. What is potable water?

Answer:- The water which is suitable for drinking is called potable water.

4. Which are pollutants of air?

Answer:- Carbon monoxide, nitrogen oxides, carbon dioxide and sulphur dioxide are the major pollutants of air.

5.) Define global warming.

Answer:- Increase levels of greenhouse gases like CO_2 causes global warming.

Q.C.) Answer in brief.

Q.1.) How is water purified?

Answer:- 1. Filters can be used to purify water.

2. Boiling method is used in daily life in house.

3. Chlorination is commonly used chemical method for purifying water.

Q.2.) What is Marble Cancer?

Answer:- 1. The industries producing pollutants like sulphur dioxide and nitrogen oxide.

2. These gases reacts with water vapour present in atmosphere to form sulphuric acid and nitric acid.
3. The acid drops down with rain making rain acidic.
4. This is called acid rain.
5. Acid rain corrodes the marble of monuments.
6. These phenomenon is called Marble Cancer.

Q.3.) What is green house effect with example?

Answer:- Greenhouse effect:- It is a natural process that warms the earth's surface. Example of greenhouse effect:- Water vapours, carbon dioxide, methane are greenhouse gases.

Q.4.) How to control air pollution in your own words?

- Answer:-
1. Avoid using of cars as much as possible.
 2. Use of electric vehicles or bicycles.
 3. Use of public transport.
 4. By using clean fuels such as LPG and CNG.
 5. Disposing garbage and not burning it.
 6. Plant more trees.

Regards,

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