

## Ch. 12 Man and Environment.

### \* New words

- |                      |                |
|----------------------|----------------|
| 1. environment       | 7. slicks      |
| 2. entertainment     | 8. stagnant    |
| 3. interfered        | 9. diarrhoea   |
| 4. contaminate       | 10. jaundice   |
| 5. non-biodegradable | 11. asthma     |
| 6. insanitary        | 12. bronchitis |

### \* Define the following.

1. **Environment**: - Everything around us, including living and non-living things that help life to exist and grow is called environment.
2. **Pollution**: Addition of harmful substances to environment that spoil the earth and its resources is known as pollution.
3. **Non-biodegradable**: Something which does not get decomposed and turn into soil.
4. **Global warming**: Global warming is the phenomenon of gradual increase in the average temperature of earth surface.

\* Answer the following question.

1. What is environment? what are its components?

→ All the things surrounding us make our environment. Land, air, water, human beings, plants, animals and buildings are its components.

2. How has man spoilt the environment?

→ Man has spoilt the environment by cutting trees, setting up industries, using many vehicles, dumping waste and polluting air, water and land.

3. What are the three factors responsible for environmental pollution?

→ The three factors responsible for environmental pollution are:

1. population growth and development of cities and towns

2. Scientific knowledge resulted in setting up of industries

3. Burning of fossil fuels

4. Why does man cut trees?

→ Man cuts trees for firewood, furniture, building houses, making towns and industries and for getting land for agriculture.

5. Why does man kill animals?

→ Man kills animals for food, entertainment and for making things from their skins, teeth and bones.

6. What is the effect of air pollution?

→ Air pollution causes asthma, bronchitis, lung diseases, watering of eyes, dizziness, headaches, acid rain and global warming.

7. Write any three measures for controlling land pollution.

The three measures for controlling land pollution are  
→ plant more trees to stop soil erosion and imbalance in nature.

Avoid use of plastics and polythene

→ Throw garbage only at proper disposal places.

8. What causes water pollution? How can it be controlled?

→ Dumping of garbage and sewage into rivers, waste from factories, and pesticides and chemical fertilisers are causes water pollution.

We can prevent or control water pollution by treating sewage and industrial waste before releasing, not throwing garbage into rivers and lakes, by careful use of pesticides and fertilisers and by cleaning rivers and lakes regularly.

9. Why is noise pollution bad for human health?

→ Noise pollution causes irritation, sleeplessness, headaches, mental illness and damage to hearing.

10. What efforts can the government make to control pollution?

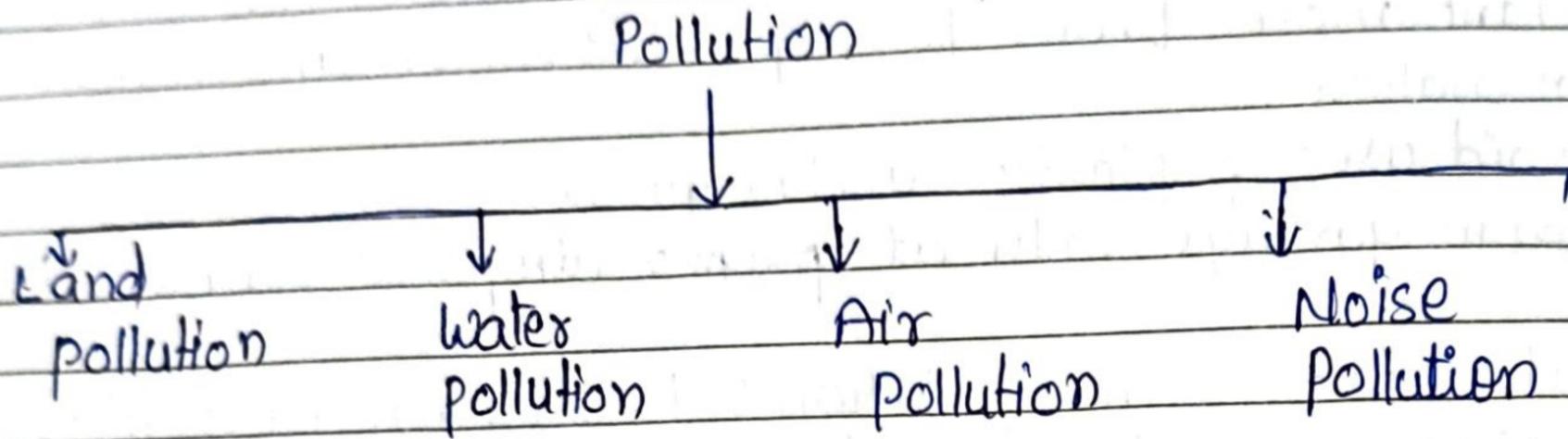
→ The government can -

- Promote afforestation programmes.

- Check population growth of cities and towns.

- Develop sanitary habits and civic sense in people.

# Mind Map.



| Cause:   | cause.:  | Cause:-   | Cause:-   |
|--|--|---|---|
| * Dumping of garbage                                   | * release of untreated industrial waste into water bodies. | - Smoke, gases<br>dust particles from cars, industries. | * Loud noises from vehicles, loud speakers, aeroplanes etc. |
| * Excessive use of pesticides and chemical fertilisers | * oil slicks   | - cutting trees   | * Playing loud music on T.V, radio                          |
| * Deforestation  | * release of sewage into water bodies.                     | - Smoke from vehicles                                   | * Honking of horns  |

| control:   | control:   | control:-  | control:                                   |
|--|--|--|--|
| * Proper disposal of garbage                         | * No garbage thrown in water bodies.                                       | * Industries should be located away from cities                | * Public loudspeakers should be banned     |
| * Avoid use of plastic and polythene                 | * Industrial waste and sewage from towns should be treated before release. | * afforestation  | - T.V radio should be played at low volume |
| * careful use of chemical fertilisers and pesticides |  | * Tall chimneys with filters should be installed in industries |  |
| - Afforestation                                      |  |  |  |

Teacher's Sign

*[Signature]*

Co-ordinator's Sign.

*[Signature]* 11/26

Supervisor's Sign.

*[Signature]*