

1. Which gas is responsible for ozone layer depletion?
 - a. CFCs
 - b. SO₂
 - c. Methane
 - d. Ethane

Solution: CFCs

2. Photochemical smog is mainly formed due to:
 - a. SO₂ and CO₂
 - b. CO₂ and O₂
 - c. Hydrocarbons and NO_x
 - d. Ozone and water vapour

Solution: Hydrocarbons and NO_x

3. High BOD in a water body indicates:
 - a. Low pollution
 - b. Good quality water
 - c. High pollution
 - d. High oxygen availability

Solution: High pollution

4. Which of the following movements is related to forest conservation?
 - a. Chipko Movement
 - b. Bhodan Movement
 - c. Quit India Movement
 - d. White Revolution

Solution: Chipko Movement

5. Biomagnification is highest in:
 - a. Herbivores
 - b. Primary Producers
 - c. Carnivores
 - d. Top Carnivores

Solution: Top Carnivores

6. Which Act in India is specifically aimed at controlling air pollution?

- a. Environment Protection Act, 1986
- b. Forest Conservation Act, 1980
- c. Air (Prevention & Control of Pollution Act, 1981)
- d. Water Pollution Act, 1974

Solution: Air (Prevention & Control of Pollution Act, 1981)

7. In a pond ecosystem, the primary producer is:

- a. Phytoplankton
- b. Zooplankton
- c. Fishes
- d. Benthos

Solution: Phytoplankton

8. Which one of the following is a secondary consumer?

- a. Grasshopper
- b. Goat
- c. Frog
- d. Green Plants

Solution: Frog

9. Which of the following pollutants causes 'minamata disease'?

- a. Lead
- b. Mercury
- c. Arsenic
- d. Cadmium

Solution: Mercury

10. In India, which is the first Biosphere reserve?

- a. Nada Devi
- b. Nilgiri
- c. Sunderban
- d. Gulf of Mannar

Solution: Niligiri

11. The ultimate source of energy for the ecosystem is:

- a. Green plants
- b. Water
- c. Sunlight
- d. Nutrients

Solution: Sunlight

12. Silent Valley Movement in Kerala is related to:

- a. Nuclear plant
- b. Dam Construction
- c. Mining project
- d. Air pollution

Solution: Dam Construction