

CHAPTER-7 | Environment and Sustainable Development

QUIZ PART-02

1. Which of the following is NOT an environmental issue?

- A. Soil erosion B. Noise pollution
C. Depletion of ozone D. Afforestation (D)

Explanation : Afforestation is a positive step to restore the environment, not an environmental issue.

2. Which of the following is a cause of global warming?

- A. Deforestation B. Burning of coal
C. Use of natural manure D. Both A and B (D)

Explanation : Global warming is driven by greenhouse gases from burning fossil fuels and increased CO₂ from deforestation.

3. Which of the following is a major cause of air pollution?

- A. Chemicals used in industry
B. Burning petroleum
C. Use of vehicles
D. All of the above (D)

Explanation : Air pollution is caused by industrial smoke, burning of fuels, and vehicular emissions.

4. What type of pollution is linked to irritation, fatigue, and reduced efficiency?

- A. Air pollution B. Water pollution
C. Noise pollution
D. Soil degradation (C)

Explanation : Noise pollution causes stress, fatigue, and deterioration in quality of life.

5. Which of the following is an example of land degradation?

- A. Soil erosion and waterlogging
B. Urbanization without planning
C. Encroachment into forests
D. All of the above (D)

Explanation : Land degradation occurs due to soil erosion, waterlogging, urbanization, and poor agricultural practices.

6. Which gas is NOT a greenhouse gas contributing to global warming?

- A. Carbon dioxide B. Methane
C. Nitrous oxide D. Oxygen (D)

Explanation : Oxygen is not a greenhouse gas; CO₂, methane, and nitrous oxide trap heat in the atmosphere.

7. Which of the following is NOT a factor causing deforestation?

- A. Industrial demand for wood B. Urbanization
C. Multi-purpose river projects
D. Organic farming (D)

Explanation : Industrialization, urbanization, and river projects cause deforestation; organic farming does not.

8. Which of the following is an effect of global warming?

- A. Melting of polar ice and sea level rise
B. Stronger hurricanes and storms
C. Spread of tropical diseases
D. All of the above (D)

Explanation : Global warming leads to ice melting, rising sea levels, extreme weather, and disease spread.

9. Which chemical is mainly responsible for ozone depletion?

- A. Carbon dioxide B. Methane
C. Chlorofluorocarbons (CFCs)
D. Nitrogen (C)

Explanation : Ozone depletion is primarily caused by chlorine compounds in CFCs used in ACs, refrigerators, and aerosols.

10. Which of the following is an effect of ozone layer depletion?

- A. Increased UV radiation reaching earth
B. Higher risk of skin cancer
C. Adverse impact on plants and living organisms
D. All of the above (D)

Explanation : Ozone depletion allows more UV rays to reach earth, causing health issues and ecological damage.