
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)	
Worksheet -8 (Environmental Issues and Ecology)		
Bundle & Subject Name	Proficient Bundle V2 (2025)– Competitive Exams and Training -SC (L-4)	Semester VIII

Answer key

1. Which environmental issue increases Earth's temperature and raises the risk of diseases like respiratory illnesses?

- A) Deforestation B) Global Warming
C) Water Pollution D) Soil Erosion

Ans: B) Global Warming

2. Which of the following is a major cause of ozone layer depletion?

- A) Carbon dioxide emissions B) Chlorofluorocarbons
C) Deforestation D) Excessive oxygen production

Ans: B) Chlorofluorocarbons

3. In which layer of the atmosphere is the ozone layer found?

- A) Troposphere B) Stratosphere
C) Mesosphere D) Thermosphere

Ans: B) Stratosphere

4. What is the unit of measurement for sound intensity?

- A) Ampere B) Decibel
C) Newton D) Joule

Ans: B) Decibel

5. What is an ecosystem?

- A) A single species living in an area
B) A community of living organisms interacting with their physical environment
C) Only plants and animals in a region
D) A group of rocks and soil without life

Ans: B) A community of living organisms interacting with their physical environment.

6. What are the primary causes of acid rain?

- A) Emissions of sulfur dioxide (SO₂) and nitrogen oxides (NO_x)
B) Excessive carbon dioxide (CO₂) in the atmosphere
C) Ozone layer depletion
D) Deforestation

Ans: A) Emissions of sulfur dioxide (SO₂) and nitrogen oxides (NO_x).

7. What does the '3Rs' principle in waste management stand for?

- A) Refuse, Replace, Rebuild B) React, Recreate, Recover
C) Rebuild, Repair, Restore D) Recycle, Reuse, Reduce

Ans: D) Recycle, Reuse, Reduce

8. Which of the following can be considered social pollution in media?

- A) Positive news coverage B) Fake news and propaganda
C) Environmental conservation D) Educational programs

Ans: B) Fake news and propaganda

9. What happens if the population of primary consumers decreases?

- A) Producers will decrease B) Producers will increase
C) Secondary consumers will increase D) No change in the ecosystem

Ans: B) Producers will increase

10. Which of the following statements about Methane (CH₄) is true?

- A) Methane is primarily released from natural sources like volcanoes.
B) Methane has a lower global warming potential than Carbon Dioxide.
C) Methane is a greenhouse gas that contributes to global warming.
D) Methane remains in the atmosphere for over 100 years.

Ans: C) Methane is a greenhouse gas that contributes to global warming.