

Science Worksheet

Class X Our Environment

Q1. Fill in the blanks:

- The arrangement of organism 'who eats whom' sequentially forms a _____.
- Organism having similar food habit belongs to one _____.
- From _____ radiations, the ozone layer protects us.
- _____ and _____ are non-biodegradable wastes.
- A rat feeding on potato tuber is _____.
- Flow of energy in an ecosystem follows the principle of _____.

Q2. Identify the True/False statements-

- Sun isn't the ultimate source of energy.
- Coal is a renewable resource.
- CO, CO₂, SO₂, NO₂ are non-polluting gases.
- Plants and animals are biotic components of the environment.
- Decrease in predator population will increase the prey pollution.
- Chlorofluorocarbons isn't a greenhouse gas.

Q3. Explain stability of ecosystem.

Q4. Why are green plants known as 'producers'?

Q5. Name the radiations that are absorbed by the ozone blanket.

Q6. Differentiate between-

- Natural and Artificial ecosystem
- Biotic and Abiotic component
- Biodegradable and Non-biodegradable wastes

Q7. Give any 2 ways in which non-biodegradable substances would affect the environment.

Q8. What are trophic levels? Give an example of food chain and state the different trophic levels in it.

Q9. What is greenhouse effect?

Q10. How does our activities affect the environment?

Q11. What is 10% law?