

Question Bank for Environmental Sciences – December 2023

UNIT -1

1. What are ecological pyramids? Explain why some of these pyramids are upright while others are inverted in different ecosystems.
2. List two main components of the ecosystem. What are the physical factors that affect the organisms distribution in different habitats?
3. What are food chains and food webs? Give examples and discuss their significance.
4. What is an Ecosystem? How many types of ecosystems are there? List with examples.
5. What is Ecosystem? Write the functions of ecosystem?

UNIT- 2

1. Differentiate between renewable and non-renewable energy resources
2. Write a detailed note on Bio fuels and Biomass energy.
3. What is solar energy? Discuss about solar energy harvesting devices?
4. What are non-renewable resources of energy and their impact on environment?
5. Write about wind energy - its merits and demerits. Geo - thermal energy and hydroelectric energy?

UNIT 3

1. What is water pollution? Write the causes and effects of water pollution?
2. What is pollution? Give an account of the adverse effects of air pollution.
3. Differentiate between i) primary and Secondary pollutants ii) Point sources and Non – point sources of pollution
4. Write short notes on a) Minamata disease b) Itai – Itai disease c) Blue baby syndrome e) B.O.D

5. What are pollutants? Write the classification of pollutants?

UNIT 4

1. Describe how e-waste can be managed to prevent environmental pollution.

2. Write the 3R techniques in solid waste management?

3 What is a solid waste management? Write the charters tics of solid waste management?

4. Write the disposal methods of solid waste management?

5. Write the differentiation between solid waste and hazardous waste management?

UNIT - 5

1 What is sustainable development? Write the importance of sustainable development

2. How to protect our environment by using sustainable management

3. Write the sustainability strategies to achieve sustainable development?

4. What are the threats and measures for sustainable development??

5 Discuss the basic characteristics of green buildings?