

ENVIRONMENTAL SCIENCE

Time: 3 Hours

Maximum Marks:

(Long Answer Type Questions)

5 marks each

1. Explain various measures of control and prevention of air pollution.

Or

Write important environmental laws for controlling pollution.

- * What are the effects of Noise pollution?
- * Write a short note on particulate matters and hydrocarbons.
- * What is pollution? What types of pollution. Give a brief account of different kinds of pollution.

2. What is water pollution? Write sources of water pollution.

Or

Give an account of sewage treatment plant before they are released into water bodies.

- * What is soil? Explain soil as a resource. Briefly explain importance of top soil.
- * What are the kinds of soil on the basis of texture of soil?
- * What is soil erosion? List agent of soil erosion, enumerate principles of soil erosion.

3. Discuss the causes and effects of global warming. What measures need to be taken to control global warming?

Or

Write a detailed note on Green house effect.

- * Write main effects of ozone depletion and also explain future of ozone depletion.
- * What is acid rain? Discuss its causes importance and effects.

4. Write a short note on need for Environmental conservation.

Or

Write main objectives of Environmental impact Assessment (EIA).

- Write a note on preparation of Environment impact assessment statement.
- Write a significant statement on environment conservation and protection.

(Short Answer Type Questions)

3 marks each

5. Difference between primary and secondary pollutants.
6. What is biomagnifications? Explain how accumulation of toxic chemicals leads to biomagnification.
7. What are biological methods of soil conservation.
8. What are the characteristics of hazardous waste?
9. Discuss briefly the following:
 - (a) Radioactive wastes
 - (b) Municipal solid wastes.
10. Explain what is meant by species diversity?
11. Explain the following
 - (a) IUCN Red List (b) Protected areas
12. List measures to check Global warming.
- * What is Smog? Explain briefly.
- * Write a note on "Ozone Hole."
- * What is air pollution? List various air pollutants.

Write the health problems caused by hazardous wastes.
 Define biodiversity.

(Very Short Answer Type Questions)
 2 marks each

13. Expand the term CNG.
14. What is water table?
15. Define soil erosion.
16. List any four sources of solid waste.
17. Define biodiversity.
18. Expand UNDP.
19. Expand NEP
20. Expand EIA.
- Expand the term PIL
- What is PAN?
- Expand BDO?
- What is soils texture?
- What do you mean by e-waste?
- Expand IUCN.
- Name the gases which are cause of acid rain.
- What is W.W.F?
- When was environmental protection Act passed?

(Objective Type Questions)

1 mark each

21. (i) Bhopal Gas Tragedy is associated with:

(a) CO ₂	(b) Methyl
(c) Methyl cyanate	(d) CFCS

 Ans. (c) Methyl isocyanate.
- (ii) Which group of organism because of their sensitivity to environmental changes act as indicators species?

(a) Amphibian	(b) Reptiles
(c) Mammals	(d) Insects

 Ans. (d) Insects
- (iii) Study of soil is called
 Ans. Pedology
- (iv) Solid Waste is also called
 Ans. Refuse
- (v) Expand the WPSI.
 Ans. WPSI (Wild Life Preservation Society of India)
- (vi) Gir forests are home for tiger. (True/False)
 Ans. False
- (vii) Indian Cheetah is an endangered species. (True/False)
 Ans. True
- (viii) Expand UNOP.
 Ans. UNOP (United Nations Development Programme)
- (ix) What is global warming?
- (x) What is NEP 2006?