

# QUESTION 2011

## Group - A

### (Multiple Choice Type Questions)

1. Choose the correct alternatives for the following:

i) CFC causes global warming by making ozone hole in

- ✓a) stratosphere      b) mesosphere      c) troposphere      d) thermosphere

ii) Clean Development Mechanism was introduced under:

- a) Montreal Protocol      b) Uruguay round      c) World summit      ✓d) Kyoto Protocol

iii) Autotrophs refer to

- a) decomposer      ✓b) producer      c) consumer      d) none of these

iv) Cadmium pollution may cause

- a) Minamata disease      b) Skin-cancer  
✓c) Itai-itai disease      d) None of these

v) In India Eco-mark is denoted by

- a) Green grass      ✓b) Earthen pot      c) Lotus flower      d) Green tree

vi) Nitrogen oxides and hydrocarbons released by automobiles interact to form

- a) Carbon, monoxide      b) Sulfur dioxide      ✓c) PAN and O<sub>3</sub>      d) Aerosol

vii) Which of the following follow an Ad-hoc methodology

- a) ISO      b) GATT      ✓c) EIA      d) WTO

viii) ISO 14001 is associated with

- a) Environmental auditing      b) Environmental impact assessment  
✓c) Environmental management system      d) ECO labelling

ix) The environmental claim that appears on the packaging of the product is called

- a) Green funding      b) Eco-packaging  
✓c) Eco-labelling      d) None of these

x) The report of EIA is called

- a) EIR      b) EIM      c) EIK      ✓d) EIS

## Group - B

### (Short Answer Type Questions)

2. What are the essentials of EMS?

See Topic: ENVIRONMENTAL MANAGEMENT SYSTEM, Short Answer Type Question No. 2.

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3. Explain the concept of Ecological Pyramids with example. State its importance towards maintaining ecological balance.

1<sup>st</sup> part: See Topic: NATURAL RESOURCES – AWARENESS, Short Answer Type Question No. 3.

2<sup>nd</sup> part: See Topic: NATURAL RESOURCES – AWARENESS, Long Answer Type Question No. 8(a).

4. What is food chain and food web? Give examples.

Food Chain: See Topic: NATURAL RESOURCES – AWARENESS, Short Answer Type Question No. 7.

Food Web: See Topic: NATURAL RESOURCES – AWARENESS, Short Answer Type Question No. 10.

5. Discuss 'Polluter Pay Principle'.

See Topic: ENVIRONMENTAL PROTECTION – POLICIES & LEGISLATIONS, Short Answer Type Question No. 5.

6. Write a short note on 'Carbon Trading' and its immediate implications on environmental pollution management.

See Topic: ENVIRONMENTAL MANAGEMENT SYSTEM, Short Answer Type Question No. 3.

### Group – C

(Long Answer Type Questions)

7. a) What are the renewable and non-renewable energy resources that are normally being used by human civilization?

b) Explain the critical factors associated with non-renewable energy sources.

c) State your individual opinion with regard to usage of nuclear energy to meet the overgrowing power requirement with the gradual exhaustion of non-renewable energy sources.

d) What is geo-thermal energy and what are its possible uses?

See Topic: NATURAL RESOURCES – AWARENESS, Long Answer Type Question No. 10.

8. a) What is environmental audit?

b) How environmental audit in industry will help controlling the environmental pollution?

c) What are the steps of environmental audit?

a) & c) See Topic: ENVIRONMENTAL MANAGEMENT SYSTEM, Long Answer Type Question No. 3.

b) See Topic: ENVIRONMENTAL MANAGEMENT SYSTEM, Short Answer Type Question No. 4.

9. a) What is biodiversity?

b) Discuss its significance.

c) Discuss how climate change due to pollution affects biodiversity.

d) What is 'in-situ' conservation of biodiversity?

a), b) & c) See Topic: NATURAL RESOURCES – AWARENESS, Long Answer Type Question No. 11.

d) See Topic: NATURAL RESOURCES – AWARENESS, Long Answer Type Question No. 2.

10. a) Explain the concept of Rain Water Harvesting. Mention the major factors to be considered in this regard.

b) Differentiate 'anthropocentric' and 'anthropogenic' views in relation to environmental ethics.

## ENVIRONMENT MANAGEMENT

- c) Enumerate the scope of 'acid rain' in environment.
  - a) See Topic: **NATURAL RESOURCES – AWARENESS**, Long Answer Type Question No. 12.
  - b) See Topic: **FUNDAMENTALS OF ENVIRONMENT MANAGEMENT**, Short Answer Type Question No. 1.
  - c) See Topic: **NATURAL RESOURCES – AWARENESS**, Short Answer Type Question No. 7.
11. a) Explain the statement 'unwanted sound is noise'.
- b) Enumerate the different sources of noise.
  - c) Write in brief noise control at source.
  - d) Write down the major pollutants observed in the atmosphere and mention their possible sources.
- a), b) & c) **ENVIRONMENTAL PROTECTION – POLICIES & LEGISLATIONS**, Long Answer Type Question No. 1.
  - d) See Topic: **NATURAL RESOURCES – AWARENESS**, Long Answer Type Question No. 7.