



Name : .....  
Roll No. : .....  
Invigilator's Signature : .....

**CS/BBA(H)/SEM-5/BBA 505/2011-12**

**2011**

**ENVIRONMENTAL MANAGEMENT**

*Time Allotted : 3 Hours*

*Full Marks : 70*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP - A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- 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 the 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 )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. What are the essentials of EMS ?
3. Explain the concept of Ecological Pyramids with example. State its importance towards maintaining ecological balance.
4. What is food chain and food web ? Give examples.
5. Discuss 'Polluter Pay Principle'.
6. Write a short note on 'Carbon Trading' and its immediate implications on environmental pollution management.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

7. a) What are the renewable and non-renewable energy resources that are normally being used by human civilisation ?
- 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 ?  $3 + 4 + 5 + 3$



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 ? 5 + 5 + 5
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 ?  
3 + 5 + 4 + 3
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.  
c) Enumerate the scope of 'acid rain' in environment.  
(4 + 4) + 4 + 3
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.  
2 + 4 + 4 + 5
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