

Code No: 07A4EC01

R07

Set No. 2

II B.Tech II Semester Examinations, April/May 2012

ENVIRONMENTAL STUDIES

**Common to CE, ME, BME, IT, MECT, MEP, BT, AME, MMT,
E.CONT.E, EIE, CSE, CSSE, EEE**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions
All Questions carry equal marks**

1. (a) Discuss the increase in World Population over the years.
(b) Graphically explain the population growth rates.
(c) Write down the necessary steps to be taken to control the population growth. [6+6+4]
2. (a) Define lapse rate and temperature inversion.
(b) List the different components of the biosphere and their interdependency. [8+8]
3. (a) Explain how fat-soluble pollutants like DDT get biomagnified.
(b) Compare and contrast natural ecosystem with agro ecosystem. [8+8]
4. (a) Explain the environmental value of a hill/mountain you visited recently?
(b) Prepare a detailed report on its environmental uniqueness? Give suggestions for improvement so that it becomes world's greatest ecotourism project. [8+8]
5. Discuss briefly on any FOUR of the following:
 - (a) Sanitary Land Filling
 - (b) Incineration
 - (c) Discharge to Sewers
 - (d) Hog Feeding
 - (e) Salvaging
 - (f) e-waste. [16]
6. (a) Extinction is part of the evolutionary process. Still why should we bother about the ongoing species extinction.
(b) Identify and explain the present day major threats to the biodiversity of India. [8+8]
7. (a) Write a detailed note on the role of NGOs in Environmental Issues and Management.
(b) What are the impacts of construction of large dams on Environment, with examples? [8+8]

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8. (a) Describe some of the leading geologic hazards and their effects.
(b) Enlist the techniques adopted in cultivation to increase production in this modern age. [8+8]

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8. (a) Define lapse rate and temperature inversion.
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Set No. 3

(e) Salvaging

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[16]
