

Code No: 07A4EC01

R07

Set No. 2

**II B.Tech II Semester Regular/Supplementary Examinations, May 2010
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. Write a short note on any four of the following:
 - (a) Pesticide Pollution
 - (b) Air Pollution Effects
 - (c) Water Pollution
 - (d) Minamita Disease
 - (e) IDD. [16]
2.
 - (a) Explain the human influence on nitrogen cycle.
 - (b) Name the structural and functional aspects of an ecosystem. [8+8]
3. Write a short note on:
 - (a) Global Warming
 - (b) Acid Rains
 - (c) Ozone Holes. [5+5+6]
4.
 - (a) Prepare and analyze the type and amount of pollution offered by an industry at a place near Hyderabad. Give suggestions for improvement to make the area more environment friendly.
 - (b) Write note on the need of a green belt/zone to be maintained by any industry. [10+6]
5.
 - (a) Discuss the interrelationships between natural capital and society.
 - (b) Write a note on Global atmospheric changes. [6+10]
6.
 - (a) Briefly discuss droughts and floods with respect to their occurrence and impacts.
 - (b) What is the relationship between fair land distribution and appropriate land use? [8+8]
7. Describe the role of any EIGHT of the following Naturalists or Environmentalists or ENGOs with reference to 'Society and Environment':
 - (a) Sundarlal Bahuguna
 - (b) Medha Patkar

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- (c) Indira Gandhi
 - (d) Salim Ali
 - (e) Raschel Carson
 - (f) Sunita Narain
 - (g) Gro Harlem brundtland
 - (h) Maneka Gandhi
 - (i) Willium Wordsworth
 - (j) Louis Pasteur
 - (k) J.C. Bose
 - (l) Ramana Maharshi
 - (m) Helen Keller
 - (n) Wangari Maathai
 - (o) Baba Amte
 - (p) Jimmy Carter
 - (q) WWF
 - (r) UNICEF
 - (s) UNO
 - (t) MOEF. [16]
8. (a) List the environmental services offered by biodiversity. [8+8]
- (b) Discuss the Biopiracy. [8+8]
