

Code No: R05220105

**R05**

**Set No. 2**

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

**ENVIRONMENTAL STUDIES**

**Common to CE, ME, CHEM, 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**

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1. What is the role played by the following individual environmental thinkers?
  - (a) Indira Gandhi
  - (b) Sunderlal Bahuguna
  - (c) S.P. Godrej
  - (d) Anil Agarwal

[4+4+4+4]
2. Explain the scope and significance of environmental ethics in detail. 

[16]
3. (a) Explain the aspects to be studied and the procedure for collecting information when you want to document the environmental features and resource assets of a water resource ecosystem during a field visit.  
(b) Describe, in the format given above, the features of any such ecosystem you have studied during field visit. 

[8+8]
4. (a) Define ecosystem and list components of an ecosystem.  
(b) Briefly explain the manner in which ecosystems are destroyed by human activities. 

[10+6]
5. What is 'in situ' and 'ex-situ' conservation of biodiversity? Explain briefly about each. 

[6+10]
6. What are the important questions that must be evaluated for every resource we use? Illustrate your answer with examples of resources. 

[16]
7. Write about some of the value systems that are endangered due to exploitation and poor management of environmental resources. 

[16]
8. (a) List the wastes that are prohibited from processing along with municipal solid waste. Discuss.  
(b) Briefly describe the methods of heating and disposal of solid waste. 

[8+8]

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**R05**

**Set No. 4**

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

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**R05**

**Set No. 1**

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