

Code no.09A60207

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD**

**B.Tech III Year II Semester Examinations, June-2014**

**ENVIRONMENTAL STUDIES**

**(Electrical and Electronics Engineering)**

**Time : 3 hours**

**Max. Marks: 75**

**Answer any five questions  
All questions carry equal marks**

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- 1.a) Define the term ecosystem. Write the classification of ecosystems.
- b) Explain the carbon and water cycles in nature.
- 2.a) What is a natural resource? Distinguish between renewable and non-renewable resources
- b) What are the benefits and problems associated with dams?
- 3.a) Explain about the genetic, species and ecosystem diversity.
- b) What are the value about the systems accounted in biodiversity?
- 4.a) Write about the facts coastal pollution due to sewage and marine disposal of industrial effluents.
- b) What are occupational health hazards? Explain.
5. Write short notes on
  - a) Global warming
  - b) Ozone depletion
  - c) Desertification
- 6.a) Write short notes on EIA methodologies.
- b) What is EIA? How is it accomplished?
- 7.a) Write the salient features of The water (prevention and control of pollution) act 1974?
- b) What is bio-medical waste? Explain BMW management rules.
8. "Nature has for human needs but not for human greeds." Explain

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