

L3b

**R09**

**Code No: 53013**

**JAWAHARALA NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech II Year I Semester Examinations, December-2014**

**ENVIRONMENTAL STUDIES**

**(Common to ME, ECE, CHEM, ETM, AE, MIE, MSNT)**

**Time: 3 hours**

**Max.Marks:75**

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

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- 1.a) What are the different trophic levels of organisms in an ecosystem?
- b) Why is a complex ecosystem more stable than one with few species?
  
- 2.a) Define 'Soil erosion' and discuss different soil conservation practices.
- b) Discuss the causes and consequences of deforestation.
  
- 3.a) What are the major hotspots of biodiversity in our country?
- b) Why is it important to preserve these areas and how do they contribute to the environment in different ways?
  
- 4.a) Explain the effects of oil pollution on the ocean.
- b) Explain the air pollution and controlling measures
  
- 5.a) Discuss the significant features of Earth Summit, 1992.
- b) What are Green house gases? Discuss the phenomenon of Green house effect along with its control methods.
  
- 6.a) Write note on environmental Management plan.
- b) Briefly explain the environmental impact statement.
  
- 7.a) Explain the National environmental Policy.
- b) Explain the water prevention and control of Pollution Act 1974.
  
- 8.a) Define Population and its Explosion, explain Indian Scenario.
- b) Write short note on Sustainable development.

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