

R09

Code No: R09220104

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

B.Tech II Year II Semester Examinations, May-2013

Environmental Studies

(Common to CE, CSE, EIE, BME, IT, MCT, MMT, ECOMPE, BT, AME, PE)

Time: 3 hours

Max. Marks: 75

Answer any five questions

All questions carry equal marks

- 1.a) Explain the structural components of an eco system.
b) Explain the significance of ecological pyramids. [15]
2. What are the various Renewable and non-renewable resources? Explain their significance in detail. [15]
- 3.a) Explain the importance of Biodiversity.
b) What are the threats to biodiversity? [15]
- 4.a) What are the sources and effects of Air Pollutants?
b) Discuss about the impacts of nuclear pollution. [15]
- 5.a) What are various Green house gases?
b) What are the problems with deforestation?
c) Explain Montreal Protocol. [15]
- 6.a) Explain how do you predict impact on soil environment due to any developmental activity.
b) What is Environment Management Plan? Explain its significance. [15]
7. Explain
i) Water (Prevention and control of pollution Act 1974).
ii) Environment Protection Act. [15]
- 8.a) Explain about the threats to sustainable development.
b) What are the strategies to achieve sustainability? [15]

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