

R09

Code No: 54004

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, December - 2017

ENVIRONMENTAL STUDIES
(Common to CE, CSE, EIE, IT, PTM)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Explain the Structural components of an Ecosystem.
b) What is Biomagnification? Give one example. [8+7]
- 2.a) What are the renewable and non renewable resources? Give examples.
b) Explain the problems associated with over utilization of water resources. [8+7]
- 3.a) How to conserve Biodiversity?
b) Explain what are the different approaches for Biodiversity assessment and inventory? [7+8]
- 4.a) What do you mean by noise pollution? How it can be measured? Describe the effects of noise pollution?
b) What are the sources of marine pollution? Explain its control measures. [8+7]
- 5.a) What is Global Warming? Explain the effects of it.
b) Write on Montréal Protocol. [8+7]
6. What are the general requirements of the EIA methodologies? Give a comparative study of various methods of EIA. [15]
7. Write short notes on:
a) Prevention and control of air pollution act
b) Prevention and control of water pollution act
c) Municipal and solid waste management. [5+5+5]
- 8.a) Explain the different strategies for achieving Sustainable Development.
b) Write a short note on Environmental Ethics. [8+7]

---ooOoo---