

Code No: 54004

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, May - 2016

ENVIRONMENTAL STUDIES

(Common to CE, CSE, EIE, IT, AME, PTE, CEE)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) What is the need of studying Environmental issues.
b) What are Biogeochemical cycles? Write about water Cycle. [7+8]
- 2.a) Briefly discuss the droughts and floods with respect to their occurrence and impacts.
b) Explain what are the direct and indirect benefits from the forests? [8+7]
- 3.a) Explain what are the different approaches for Biodiversity assessment and inventory.
b) Describe the reasons for the loss of Biodiversity. [8+7]
- 4.a) What are the sources and control measures of the water pollution?
b) Describe the characteristics of e-waste and its management. [8+7]
- 5.a) What is Climate Change and its impacts on human?
b) Write on kyoto Protocol. [8+7]
- 6.a) Explain the qualitative approaches for prediction of Environmental impacts of engineering projects.
b) Explain about Environmental management plan. [8+7]
7. Write short notes on:
a) Biomedical waste management and handling rules
b) Hazardous waste management and handling rules
c) Municipal and solid waste management. [5+5+5]
- 8.a) Explain different strategies for achieving sustainable development.
b) What is the concept of green building? [8+7]

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