

Code No: 138GB

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July/August - 2022

ENVIRONMENTAL IMPACT ASSESSMENT
(Common to EEE, ME, ECE, CSE, IT, AE, MIE)

Time: 3 Hours

Max.Marks:75

Answer any five questions
All questions carry equal marks

- 1.a) What is the screening process? Why do we need to do the screening?
- b) Explain in detail the key approaches to the scoping process. [8+7]
- 2.a) Explain in detail the network diagram method used in assessing the impact with suitable example?
- b) What are the key elements in EIA as per EIA Notification 2006, GoI? [10+5]
3. What are the baseline data required to assess the vegetation and wild life in any proposed project area? [15]
- 4.a) List and explain causes and effects of deforestation due to any proposed project in a notified forest area.
- b) Elaborate the impacts of deforestation an environment and climate change. [8+7]
- 5.a) Discuss the method of preparation of soil classification map?
- b) What are the major and minor impacts on soil quality by any development projects? [7+8]
6. Explain in detail the sampling, frequency and method of baseline Environment monitoring soil environment under EIA. [15]
- 7.a) Describe the components of Environmental Audit.
- b) Explain in detail the onsite audit activities to be performed in Environmental audit. [5+10]
- 8.a) What are the salient features of the Environment protection Act 1986?
- b) Write down step by step procedure for the preparation of environmental impact Assessment for any cement industry. [5+10]

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