

Code No: 138GB

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July - 2021

ENVIRONMENTAL IMPACT ASSESSMENT

(Common to ME, ECE, MCT, ETM, AE, MIE)

Time: 3 hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Write the difference between screening and scoping in EIA process. [8+7]
b) What are the steps involved in EIA process?
- 2.a) Describe the adhoc and matrix methods for EIA process.
b) Discuss about the criteria for the selection of EIA methodology. [8+7]
- 3.a) How to carry out the impact assessment studies on vegetation due to any developmental activity?
b) What are the effects of deforestation? [8+7]
- 4.a) What is the methodology need to be adopted to study the impacts on soil quality due to any developmental activity?
b) How does the steel industry impacts the soil quality and what type of mitigation measures need to be taken up? [8+7]
- 5.a) What is the environmental audit and explain about types of environmental audit?
b) How to prepare the environmental audit report? [8+7]
- 6.a) Discuss about water act.
b) Describe the solid and hazardous waste rules. [8+7]
- 7.a) What are the features of motor act?
b) What are the impacts of highways on environment? [8+7]
- 8.a) How to carryout water audit. Discuss about onsite activities for water audit?
b) What is Environmental impact assessment and its importance? [8+7]

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