III B. Tech I Semester Supplementary Examinations, June/July-2022
ENVIRONMENTAL IMPACT ASSESSMENT
(Civil Engineering)

Time: 3 hours   Max. Marks: 75

Answer any **FIVE** Questions **ONE** Question from **Each unit**
All Questions Carry Equal Marks
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UNIT-I

1. a) What is EIA? What are the various fundamental steps associated with the environmental impact assessment? [8M]
    b) Explain about COST BENEFIT ANALYSIS method of Environmental Impact Assessment. [7M]

(OR)

2. a) Explain the role of stakeholders in the EIA preparation. [8M]
    b) Describe the criteria for the selection of EIA methodology. [7M]

UNIT-II

3. a) Describe the criteria for the selection of EIA methodology. [8M]
    b) What is Overlay Method? When and where it is adopted? [7M]

(**OR**)

4. a) What is Adhoc Method? When and where it is adopted? [8M]
    b) Draw the neat sketch of systematic approach for the study of impacts on soil and ground water. [7M]

UNIT-III

5. a) What are the steps to assess impact on air environment? Explain. [8M]
    b) How do you consider socio-economic factors in an impact prediction study? [7M]

(OR)

6. a) What are the different types of particulates? What are their impacts? [8M]
    b) Write the mitigation measure for reducing the impact on surface water quality by the mining activity. [7M]

UNIT-IV

7. a) Write the development activities on vegetation with example. [8M]
    b) Explain the Risk assessment and management in EIA. [7M]

(OR)

8. a) What are the Environmental impacts of deforestation? Explain in detail. [8M]
    b) What are the risks associated with the environment and human health due to developmental projects? [7M]

<u>UNIT-V</u>

9. a) Enlist the different types of Environmental Audits. [8M]
    b) Write short notes on Environmental legislation. [7M]

(OR)

10. a) What is Environmental Audit? What are its objectives? [8M]
    b) Describe the Environmental Impact caused to the Silent Valley Project. [7M]

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