

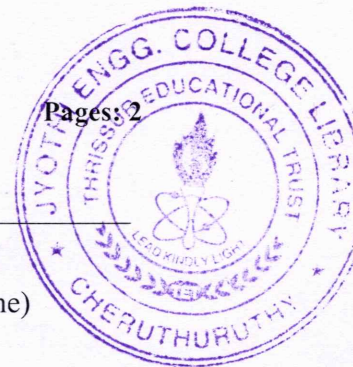
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Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
B.Tech Degree S6 (R,S) / S6 (WP) Exam April 2025 (2019 Scheme)



Course Code: CET362

Course Name: ENVIRONMENTAL IMPACT ASSESSMENT

Max. Marks: 100

Duration: 3 Hours

PART A

Answer all questions, each carries 3 marks.

Marks

- | | | |
|----|---|-----|
| 1 | Explain the need and purpose of conducting EIA. | (3) |
| 2 | Write short notes on Environmental Legislations in India. | (3) |
| 3 | Discuss about screening of projects. | (3) |
| 4 | Explain Form I-category of projects. | (3) |
| 5 | Describe the key elements of the different types or stages of EIA mitigation processes. | (3) |
| 6 | What is matrix method of Impact Assessment? | (3) |
| 7 | Discuss about goals of Environmental management plan. | (3) |
| 8 | Explain the benefits of Environmental audit. | (3) |
| 9 | Identify the impacts of a quarry mining project | (3) |
| 10 | List the steps involved in the EIA process for a thermal power plant project. | (3) |

PART B

Answer one full question from each module, each carries 14 marks.

Module I

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|----|---|-----|
| 11 | a) What is Umbrella act and explain its salient features? | (7) |
| | b) Explain about EIA Notification, 2006? | (7) |

OR

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|----|---|-----|
| 12 | a) Explain the evolution of EIA in Global scenario. | (8) |
| | b) Describe the various environmental standards for water, air and noise. | (6) |

Module II

- | | | |
|----|---|------|
| 13 | a) Scoping is an essential step in the EIA process – discuss the statement. | (4) |
| | b) Explain detailed procedure for Environmental clearance process in India. | (10) |

OR

- 14 a) Explain in detail different types of EIA and their features. (10)
b) What is Initial Environmental Examination. (4)

Module III

- 15 a) Explain the steps involved in assessment of impacts on the land environment. (5)
b) What is the relevance of socio-economic impact assessment in EIA studies? How can it be carried out? (9)

OR

- 16 a) Discuss in detail about EIA methodologies. (9)
b) Explain the steps involved in assessment of impacts on water environment. (5)

Module IV

- 17 a) What are different contents of Environment Management Plan and its importance? (8)
b) What are the different types of Environmental audit and mention any two limitations also? (6)

OR

- 18 a) Discuss about the salient features of Environmental monitoring plan. (8)
b) Explain ISO 14001 standards and give an overview of the steps involved in the implementation. (6)

Module V

- 19 Explain the case study of EIA in the back ground of an airport project. (14)

OR

- 20 Need and explanation for conducting EIA for Solid Waste Management. (14)