

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
B.Tech Degree S7 (R,S) Examination November 2025 (2019 Scheme).

Course Code: CET415

Course Name: ENVIRONMENTAL IMPACT ASSESSMENT

Max. Marks: 100**Duration: 3 Hours**

PART A

Answer all questions, each carries 3 marks.

Marks

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|----|---|-----|
| 1 | Explain the need and objectives of conducting EIA. | (3) |
| 2 | Write short notes on Environmental Legislations in India. | (3) |
| 3 | Discuss about Rapid EIA. | (3) |
| 4 | What are Terms of Reference in EIA report. | (3) |
| 5 | How to predict the impacts of a Chemical Industry on the water quality of a nearby river. | (3) |
| 6 | What is matrix method of Impact Assessment? | (3) |
| 7 | Discuss about Environmental management plan. | (3) |
| 8 | Explain the ISO 14001 Standards, its importance and salient features. | (3) |
| 9 | What are the impacts of thermal power plant project on a particular area? | (3) |
| 10 | Discuss about the environmental monitoring programme on airport project. | (3) |

PART B

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

Module I

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|----|--|-----|
| 11 | a) Give detailed explanation on the salient features of EIA notification 2006. | (8) |
| | b) Explain in detail about Environmental protection Act 1986. | (6) |

OR

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

Module II

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|----|---|------|
| 13 | a) Explain the detailed procedure for Environmental clearance process in India. | (10) |
| | b) Discuss about the Form-1 | (4) |

OR

- 14 a) Explain in detail different types of EIA. (8)
b) Describe about Initial Environmental Examination. (6)

Module III

- 15 a) What is the relevance of socio-economic impact assessment in EIA studies? (9)
How can it be carried out?
b) How air quality modelling help in assessing the impacts on air. (5)

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) Explain in detail the procedure for conducting an environmental audit. (6)
b) What are the different types of Environmental audit and mention any two purposes also? (8)

OR

- 18 a) Describe Environmental Management plan (EMP) in EIA studies. (8)
b) Discuss the role of environmental monitoring programme in EIA. (6)

Module V

- 19 a) Explain the environmental clearance procedure for a hydroelectric project. (14)

OR

- b) Explain the Need and explanation for conducting EIA for an airport project. (14)
