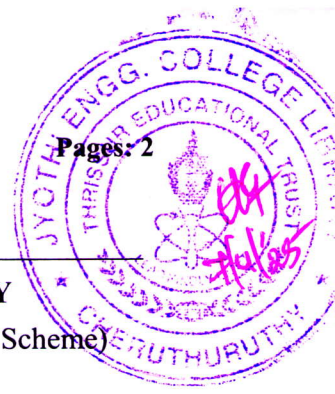


Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
B.Tech Degree 7th semester (S,FE) (FT / PT) Exam April 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

- | | | |
|----|--|-----|
| 1 | What are the objectives of EIA? | (3) |
| 2 | Discuss the Air (Prevention and Control of Pollution) Act. | (3) |
| 3 | Write short notes on Terms of Reference. | (3) |
| 4 | Differentiate between Rapid EIA and Comprehensive EIA. | (3) |
| 5 | What is network method of impact assessment? | (3) |
| 6 | How to predict the impact of a proposed textile industry on the water quality of a nearby river? | (3) |
| 7 | Discuss the goal and purpose of environmental management plan. | (3) |
| 8 | Explain the benefits of ISO 14001 standards. | (3) |
| 9 | Identify the impact of an airport project on noise quality. | (3) |
| 10 | Report the environmental monitoring program for a solid waste management project. | (3) |

PART B*Answer any one full question from each module, each carries 14 marks.***Module I**

- | | | |
|----|---|-----|
| 11 | a) State environmental standards for water and air. | (5) |
| | b) Explain the evolution of EIA. | (9) |

OR

- | | | |
|----|--|-----|
| 12 | a) Discuss the Water (Prevention and Control of Pollution) Act 1974. | (5) |
| | b) Explain the Environmental (Protection) Act 1986. | (9) |

Module II

- | | | |
|----|---|------|
| 13 | a) Describe the procedure for obtaining environmental clearance for a nuclear power project according to EIA notification 2006. | (10) |
| | b) Explain generic structure of EIA report. | (4) |

OR

- 14 a) Explain different types of EIA. (9)
b) Write short notes on Initial Environmental Examination. (5)

Module III

- 15 a) Explain EIA methodologies in detail. (7)
b) Describe impact prediction and evaluation stages of EIA. (7)

OR

- 16 a) Explain the steps involved in the assessment of socio-economic impact due to a project (7)
b) Demonstrate the procedure for assessing the impacts on surface water. (7)

Module IV

- 17 a) Describe the importance of Environmental Management Plan. (8)
b) Discuss the role of Environmental Monitoring Program (6)

OR

- 18 a) Describe the need and procedure for environment audit. (8)
b) Explain the importance and salient features of ISO 14001 standards. (6)

Module V

- 19 Demonstrate the procedure for assessing the impact of a highway project. (14)

OR

- 20 Discuss how to assess the impact of a quarry mining project. (14)
