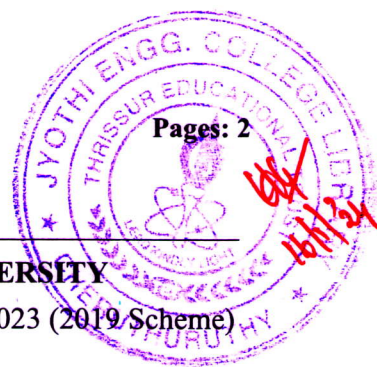


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Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

B.Tech Degree S7 (R, S) / S7 (PT) (R) Examination December 2023 (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 | Define EIA. What is the need for EIA in India? | (3) |
| 2 | What are the national ambient noise standards of India? | (3) |
| 3 | What are the advantages of public participation in EIA? | (3) |
| 4 | What are the categories of EIA projects as per EIA 2006? | (3) |
| 5 | Describe any three mitigation measures for groundwater impacts. | (3) |
| 6 | Describe any three socio economic impacts usually encountered due to development. | (3) |
| 7 | Define and explain Environmental Management Plan. | (3) |
| 8 | What is ISO 14001 standard? | (3) |
| 9 | How to assess the impacts on soil and water by mining activity? | (3) |
| 10 | What are the impacts of an airport project on local noise quality. | (3) |

PART B

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

Module I

- | | | |
|----|---|-----|
| 11 | a) What were the salient features of EIA notification 2006? | (8) |
| | b) Discuss about Environmental Protection Act, 1986. | (6) |

OR

- | | | |
|----|---|-----|
| 12 | a) Explain evolution of EIA in India. | (8) |
| | b) Explain history and development of EIA in different countries. | (6) |

Module II

- | | | |
|----|--|------|
| 13 | a) Describe the various steps in EIA process with the help of a flowchart. | (14) |
|----|--|------|

OR

- | | | |
|----|---|------|
| 14 | a) Explain different types of EIA. | (10) |
| | b) What is Initial Environmental Examination? | (4) |

Module III

- 15 a) Explain in detail, any four types of impact assessment methodologies. (14)

OR

- 16 a) What are the ambient air quality standards of India? (4)
b) Explain stepwise how do you predict and assess impacts in the Air environment. (10)

Module IV

- 17 a) What is Environmental Audit? What are its Objectives? What the types of Environmental Audits? (14)

OR

- 18 a) Explain in detail the procedure of Environmental Auditing. (14)

Module V

- 19 a) Discuss how to assess the impacts of hydroelectric project (14)

OR

- 20 a) Explain an EIA case study of any highway widening project in Kerala in detail. (14)

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