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1000CET415122201



Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

B.Tech Degree S7 (R, S) / S7 (PT) (R,S) Examination November 2024 (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 is the need of EIA? | (3) |
| 2 | Write any 3 drinking water quality parameters with their standards | (3) |
| 3 | Differentiate sectoral and regional EIA | (3) |
| 4 | What is initial environmental examination? | (3) |
| 5 | Write any 3 important factors to be considered along with their relevance in impact prediction | (3) |
| 6 | Suggest any 2 methods of mitigating particulate matter emission by an industry. | (3) |
| 7 | What are the objectives of EMP? | (3) |
| 8 | What is Environmental monitoring? | (3) |
| 9 | Write any 3 impacts of a solid waste management project. | (3) |
| 10 | Write any 3 socioeconomic impacts of a highway project. | (3) |

PART B

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

Module I

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|----|--|-----|
| 11 | a) What are the salient features of the Water (Prevention & Control of Pollution) Act 1974 | (7) |
| | b) Explain the evolution of EIA in India | (7) |

OR

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|----|---|-----|
| 12 | a) What are the features of EIA notifications 2006? | (7) |
| | b) What are the salient features of the Air Act 1981? | (7) |

Module II

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|----|---|-----|
| 13 | a) Describe the procedure for obtaining environmental clearance for a project in India. | (7) |
| | b) What are the contents and relevance of Terms Of Reference? | (7) |

OR

- 14 a) Explain the significance of public participation in EIA (7)
b) What is strategic EIA and its advantages? (7)

Module III

- 15 a) What is meant by socioeconomic impact? How is it assessed? (7)
b) Illustrate the use of check list method in assessing impacts (7)

OR

- 16 a) Illustrate the use of Leopold matrix in assessment of impacts (7)
b) What is network method of assessment of EIA and its advantages? (7)

Module IV

- 17 a) What is ISO 14001 and its relevance? (7)
b) Explain the auditing procedure in EIA (7)

OR

- 18 a) What is auditing and its significance in EIA? (8)
b) List the EMPs for mitigation of water pollution by an industry (6)

Module V

- 19 a) Explain the Environmental clearance procedure for a quarry mining project (14)

OR

- 20 a) Identify the potential impacts of a hydroelectric power plant (7)
b) Identify the potential impacts of an airport project (7)
