

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Seventh Semester B.Tech Degree Regular and Supplementary Examination December 2021 (2015 Scheme)

**Course Code: CE469****Course Name: ENVIRONMENTAL IMPACT ASSESSMENT**

- Max. Marks: 100

Duration: 3 Hours

PART A*Answer any two full questions, each carries 15 marks.*

Marks

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| 1 a) | Explain the evolution of EIA in India. | 5 |
| b) | What are the key elements in EIA as per Government of India notification? | 10 |
| 2 a) | Differentiate between primary and secondary air pollutants with example. | 5 |
| b) | Explain any five impacts of water pollution. | 5 |
| c) | Write note on nitrogen dioxide as an air pollutant. | 5 |
| 3 a) | Discuss the significance of public participation in EIA | 10 |
| b) | Differentiate point and nonpoint sources of water pollution with examples? | 5 |

PART B*Answer any two full questions, each carries 15 marks.*

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| 4 a) | Write note on various health effects of solid wastes. | 7 |
| b) | Give a brief description on effects of noise pollution and its control measures. | 8 |
| 5 a) | What are the impacts of deforestation? | 7 |
| b) | What are the causes and effects of land degradation? | 8 |
| 6 a) | What are the major effects of pesticide pollution? | 5 |
| b) | Write note on management practices adopted against E-WASTE. | 5 |
| c) | Discuss in detail about the ozone layer depletion. | 5 |

PART C*Answer any two full questions, each carries 20 marks.*

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| 7 a) | Explain in detail, different types of impact assessment methodologies. | 10 |
| b) | Discuss about the socio economic impacts associated with an airport project. | 10 |
| 8 a) | Explain standards for noise quality in detail | 10 |
| b) | Write in detail on Environmental management plan. | 10 |
| 9 a) | Differentiate between Fault tree and Event tree analysis. | 10 |
| b) | Write note on the water quality standards. | 10 |
