

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SEVENTH SEMESTER B.TECH DEGREE EXAMINATION, DECEMBER 2018

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) Describe the various steps in EIA process with the help of a flow chart. | (12) |
| b) Explain the need for conducting Environmental Impact Assessment. | (3) |
| 2 a) Differentiate point and nonpoint sources of water pollution with examples? | (10) |
| b) Describe the impacts of any two water pollutants. | (5) |
| 3 Explain in detail various control measures for three major air pollutants? | (15) |

PART B

Answer any two full questions, each carries 15 marks.

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| 4 a) What is e-waste? Discuss the effects of E-waste on environment. | (6) |
| b) Explain in detail about noise pollution, its sources and effects | (9) |
| 5 a) List and explain any three sources of solid waste. | (10) |
| b) Discuss in detail about the ozone layer depletion. | (5) |
| 6 a) What are the impacts of deforestation? | (8) |
| b) What are the causes and effects of land degradation? | (7) |

PART C

Answer any two full questions, each carries 20 marks.

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| 7 a) Explain in detail event tree analysis with an example | (10) |
| b) Explain matrix methods | (10) |
| 8 a) Discuss about the socio economic impacts associated with an airport project | (10) |
| b) Explain the advantages and disadvantages of (a) matrices and (b) overlays | (10) |
| 9 a) Explain any case study of EIA in detail | (10) |
| b) Explain standards for noise quality in detail | (10) |
