

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
EIGHTH SEMESTER B.TECH DEGREE EXAMINATION, MAY 2019

Course Code: CE482

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) | Distinguish between primary pollutants and secondary pollutants | (6) |
| | b) | What are the impact of air pollutants on human, vegetation and environment? | (9) |
| 2 | a) | Differentiate between surface water pollution and ground water pollution | (5) |
| | b) | Explain any five sources of water pollution? | (10) |
| 3 | a) | Explain any two water borne diseases | (6) |
| | b) | Discuss the sources, effects and control measures for carbon monoxide | (9) |

PART B

Answer any two full questions, each carries 15 marks.

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| 4 | (a) | Write a note on classification of solid wastes. | (7) |
| | (b) | What are the effects of urbanization on land degradation? | (8) |
| 5 | (a) | Define equivalent sound pressure level. How noise is measured? | (5) |
| | (b) | Describe in detail various control measures for Noise Pollution. | (10) |
| 6 | (a) | What is noise? With examples explain continuous and intermittent noise | (7) |
| | (b) | Write notes on e-waste and radio-active wastes. | (8) |

PART C

Answer any two full questions, each carries 20 marks.

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| 7 | | Explain stepwise process for conducting EIA with a flowchart | (20) |
| 8 | a) | Discuss in detail about global warming and climate change. | (10) |
| | b) | Explain the need for conducting EIA for a thermal power plant. | (10) |
| 9 | a) | List different types of checklist. Explain any two with example | (10) |
| | b) | With example discuss the type and scale of impacts | (10) |
