

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SEVENTH SEMESTER B.TECH DEGREE EXAMINATION(S), MAY 2019

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) | Briefly explain (a) Evolution of EIA in India | (4) |
| | b) | History and Development of EIA elements in different countries | (6) |
| | c) | Explain present scenario in India about EIA study? | (5) |
| 2 | a) | Discuss the benefits of EIA. | (5) |
| | b) | Give details of environmental clearance process in India with time involved in each step | (10) |
| 3 | a) | Explain point and nonpoint sources of water pollution | (5) |
| | b) | Explain any five impacts of water pollution | (5) |
| | c) | Differentiate between BOD and COD | (5) |

PART B

Answer any two full questions, each carries 15 marks.

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| 4 | a) | List and Explain any three sources of solid waste. | (10) |
| | b) | Propose control measures for noise pollution. | (5) |
| 5 | a) | Write short notes on (i) acid rain (ii) ozone layer depletion (iii) global warming | (15) |
| 6 | a) | How development impacts on biodiversity? | (12) |
| | b) | What are the suggestions that can be given to the construction industry to reduce the impacts on biodiversity? | (3) |

PART C

Answer any two full questions, each carries 20 marks.

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| 7 | a) | Discuss in detail the impact assessment methodologies | (20) |
| 8 | a) | Explain standards for air quality in detail | (10) |
| | b) | Explain environmental management plan in detail | (10) |
| 9 | a) | Explain standards for noise quality in detail | (10) |
| | b) | Explain any case study of EIA in detail | (10) |
