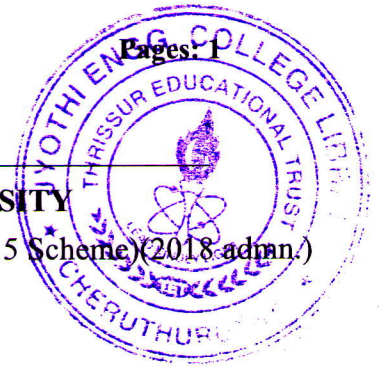


Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Seventh Semester B.Tech Degree (Hons*) Examination December 2021 (2015 Scheme) (2018 admn.)

**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

- | | | |
|-------|--------------------------------------------------------------------------------------------------|------|
| 1 a) | What is screening? How is it carried out? | (7) |
| b) | Write the step by step procedure to conduct public hearing meeting as per EIA notification 2006 | (8) |
| 2 a) | Draw a flowchart showing the EIA methodology | (5) |
| b) | Explain the various elements of EIA in detail | (10) |
| 3 (a) | What is air pollution? | (5) |
| (b) | Stating examples explain primary and secondary types of pollutants with regard to air pollution? | (10) |

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

- | | | |
|------|------------------------------------------------------------------------------|------|
| 4 a) | Enumerate any five effects of urbanization on land degradation | (15) |
| 5 a) | Discuss how human activities can accelerate soil erosion. | (7) |
| b) | What are the benefits and problems associated with construction of big dams? | (8) |
| 6 a) | Explain climate change, causes and its importance. | (10) |
| b) | Explain the effects of deforestation. | (5) |

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

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|------|-----------------------------------------------------------|------|
| 7 a) | Explain checklist method with the help of neat sketches | (14) |
| b) | What are advantages and disadvantages of checklist method | (6) |
| 8 a) | Explain in detail fault tree analysis with an example | (12) |
| b) | With a neat sketch, Explain overlays. | (8) |
| 9 a) | Explain standards for water quality in detail | (10) |
| b) | Explain environmental management plan in detail | (10) |
