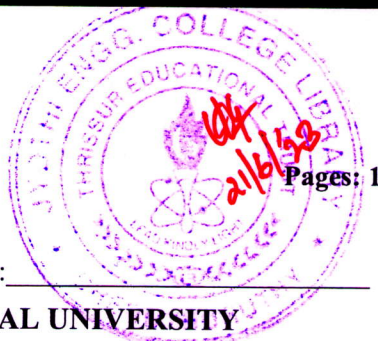


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Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

B.Tech Degree S8 (S, FE) / S8 (PT) (R, S) Examination June 2023 (2015 Scheme)

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

- 1 a) Discuss the various gaseous pollutants and their effects on environment (10)
b) Differentiate primary and secondary air pollutants. (5)
- 2 a) Compare aerosol and PM. (5)
b) List any five water borne diseases and their causative organism. (5)
c) Comment on drinking water quality standards specifying the permissible of any three water quality parameters. (5)
- 3 Describe any five chemical characteristics of water and mention their method of determination. (15)

PART B

Answer any two full questions, each carries 15 marks.

- 4 a) Explain in detail the characteristics of solid waste. (10)
b) Write a short note on radioactive waste. (5)
- 5 a) Describe the effects of modern agriculture on soil. (10)
b) Discuss the methods of measurement of noise. (5)
- 6 a) Explain the control measures of noise pollution. (8)
b) What is e-waste? Enlist the impacts of e-waste on environment. (7)

PART C

Answer any two full questions, each carries 20 marks.

- 7 a) Describe the various causes of climate change and effects of climate change. (10)
b) Categorize the different environmental impacts citing examples. (10)
- 8 Discuss the various steps involved in EIA study with the help of a case example. (20)
- 9 a) What are the detrimental effects of deforestation? (6)
b) Compare the checklist and matrix methods of EIA. (14)
