

Code No: RT41266

R13**Set No. 1**

IV B.Tech I Semester Supplementary Examinations, February/March - 2018

ENVIRONMENTAL IMPACT ASSESSMENT

(Open Elective)

Time: 3 hours

Max. Marks: 70

*Question paper consists of Part-A and Part-B**Answer ALL sub questions from Part-A**Answer any THREE questions from Part-B*

PART-A (22 Marks)

1. a) What are the important steps in EIA? [4]
- b) What are the types of EIA? [3]
- c) Write about Matrices method. [4]
- d) Discuss the water act. [3]
- e) What are the post audit activities for to asses environment? [4]
- f) Give the guideline for environmental aspects for river valley development project. [4]

PART-B (3x16 = 48 Marks)

2. a) Write a short note Environmental Legislation. [8]
- b) Discuss about the need of EIA for engineering projects. [8]
3. a) Explain about EIA activity. [8]
- b) Discuss the limitations of EIA. [8]
4. a) Give the important characteristics of simple and descriptive check lists methods. [8]
- b) Give the advantage of scaling checklist method over simple and descriptive checklist method. [8]
5. a) What are the various sources of air pollution? Explain its impact of biological environment. [8]
- b) What are the measures taken up to prevent soil pollution? [8]
6. a) Describe management Audit in detail. [8]
- b) What are the mitigation measures to be taken up for reducing the environmental impact on surface water quality? [8]
7. a) Discuss about a case study related to EI of nuclear power plant in detail. [8]
- b) How to assess the impacts on soil and water by mining activity? Explain in detail. [8]