

Code No: RT42012B

R13**Set No. 1**

IV B.Tech II Semester Supplementary Examinations, July/August – 2017
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT
(Civil Engineering)

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 is EIA? [3]
- b) What is EIS? [3]
- c) Write about GIS for EIA. [4]
- d) Write about Biological environment. [4]
- e) Write about Environmental Risk Assessment. [4]
- f) Write about Concept of ISO and ISO 14000. [4]

PART-B (3x16 = 48 Marks)

2. a) Explain the preparation of Environmental Base map. [8]
- b) Explain the limitations of EIA. [8]
3. a) Explain the network method of EIA. [8]
- b) Describe the cost benefit analysis for a proposed paper factory. [8]
4. a) Write the methodology for assessment of ground water characteristics in the study area? [8]
- b) Explain in detail about impact significance and mitigation measures. [8]
5. a) Write the steps involved in the EIA assessment of air environment. [8]
- b) Explain the development activities on vegetation with example? [8]
6. Explain the various kinds of impact mitigation? Also explain in detail the objectives and methods of mitigation with an example? [16]
7. Explain one case study on EIA in Industries. [16]