

Code: CE8T4B

IV B.Tech-II Semester–Regular/Supplementary Examinations–April 2017**ENVIRONMENTAL IMPACT ASSESSMENT
(CIVIL ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) What is the basic concept of the EIA and write factors affecting EIA? 7 M
- b) What are the elements of EIA and explain how Environmental base map is prepared? 7 M
2. a) What is the criteria for the selection of EIA Methodology? 5 M
- b) Explain the Adhoc method & Environmental media Quality Index method. 9 M
3. a) Explain the methodology for the assessment of soil & ground water. 7 M
- b) Explain the developmental activities of the land use. 7 M
4. a) What is the methodology for the assessment of impacts on the surface water environment? 8 M

- b) Explain the Air Pollution Sources. 6 M
5. a) What are the causes & effects of Deforestation? 6 M
- b) Write about the assessment of Impact of development activities on vegetation and wildlife? 8 M
6. a) What are the types of Environmental Audit? 7 M
- b) Write about preparation of Audit report. 7 M
7. a) Write about the Water Act & Wildlife Act. 8 M
- b) What are post Audit activities? 6 M
8. a) Preparation of Environmental Impact Assessment statement for Cement Industry? 7 M
- b) What are the case studies on Land Use and explain any two case studies? 7 M