

Code: CE8T3B

**IV B.Tech - II Semester – Regular / Supplementary Examinations
March 2020**

**ENVIRONMENTAL IMPACT ASSESSMENT
(CIVIL ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11 x 2 = 22 M

1.

- a) What are the objectives of EIA?
- b) What is IEE?
- c) List out the criteria for the selection of EIA methodology.
- d) What is land use and land cover?
- e) Write Air Pollution diseases.
- f) What are the objectives of the environmental audit in an industry?
- g) List out the steps involved in the onsite activities.
- h) Salient features of Mota Act.
- i) List out some of the Socio-economic factors and their potential changes resulting from project implementation.
- j) What are Post Audit Activities?
- k) Which projects/schemes/development activities need EIA and EMP (Environmental Management Plan) for environmental clearance?

PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Explain the preparation of Environmental Base map. 8 M

b) Enlist the requirements of EIA methods. Explain the limitations of EIA. 8 M

3. a) How air pollutants can affect human beings directly? 8 M

b) Explain the generalized approach for Assessment of Air pollution Impact. 8 M

4. a) What is deforestation? Write its causes and consequences of deforestation. 8 M

b) Explain the development activities on vegetation and wild life with examples. 8 M

5. a) Explain Wild Life Act. 8 M

b) Illustrate the laws confined with respect to Water Act. 8 M

6. Explain the case study on Thermal Power Industry. 16 M