

Code: CE8T3B

**IV B.Tech - II Semester – Regular / Supplementary Examinations
July -2021**

**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) Define basic concept of EIA.
- b) List the any three socio-economic impacts.
- c) Define the term Base map.
- d) What is an Environmental audit?
- e) Define the term ‘Deforestation’.
- f) What is meant by IEE?
- g) Define the term ‘EIA Methodology’
- h) Write about any four negative Impacts on Environment due to coal plant.
- i) Define the term ‘Air Pollution’.
- j) What is meant by land use?
- k) What is meant by Environmental pollution Act?

PART – B

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

3 x 16 = 48 M

2. a) Explain the full scale EIA Process. 8 M

b) Explain the criteria for the selection of EIA methodology. 8 M

3. a) Explain the methodology for the assessment of soil and ground water. 8 M

b) Describe the environmental impact assessment in biological environment. 8 M

4. a) Explain the assessment of impact of development activities on vegetation and wildlife. 8 M

b) Discuss the evaluation of audit data and preparation of audit report. 8 M

5. a) Explain the salient features of water Act, 1974. 8 M

b) Discuss the salient features of the Wildlife (Protection) Act, 1972. 8 M

6. a) Discuss briefly social and environmental impacts of traffic & transportation with suitable case studies. 8 M
- b) Explain the preparation of environmental impact assessment statement for thermal power industry. 8 M