

Code No: R164101H

R16

Set No. 1

IV B.Tech I Semester Advanced Supplementary Examinations, May – 2022
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 FOUR questions from Part-B

PART-A (14 Marks)

1. a) List out different elements present in EIA [2]
- b) Write a short note on EIS and EMP [3]
- c) List out reasons for the depletion of ground water [2]
- d) Explain the terms impact prediction [2]
- e) What do you mean by environmental risk? [2]
- f) List out various provisions in the EIA notification. [3]

PART-B (4x14 = 56 Marks)

2. a) Explain salient features of EIA with examples. [7]
- b) What are the various points need to be considered in the preparation of EIA. [7]
3. a) Explain various steps underlined in Impact Identification and Impact Measurement. [7]
- b) List out ad-hoc methods of analyzing EIA and explain any two methods. [7]
4. a) Describe the detailed procedure of delineating the study area [7]
- b) What are the adverse effects of developmental activities on urban areas explain in detail? [7]
5. a) 'Identification and Incorporation of mitigation measures' Explain this statement. [7]
- b) Illuminate the Generalized approach for assessment of Air pollution Impact. [7]
6. a) Write down the steps involved in assessing and managing the Environmental Risk in EIA [9]
- b) Explain EIA Risk assessment and treatment of uncertainty. [5]
7. a) Explain in detail about the concept of ISO and ISO 14000. [5]
- b) In detail explain the procedure involved in the preparation of Environmental Impact assessment statement for establishing an Industry. [9]

