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Eighth Semester B.E. Degree Examination, Feb./Mar. 2022
Environmental Impact Assessment

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART – A

- 1 a. Define following terms : i) EIA ii) EIS iii) FONSI. (06 Marks)
b. Write a note on need for EIA studies. (04 Marks)
c. With the aid of a flow diagram, establish relationship between EIA, EIS and FONSI. (10 Marks)
- 2 a. Explain the step – by – step procedure for conducting EIA. (10 Marks)
b. Explain limitations of EIA in detail. (10 Marks)
- 3 a. Outline the framework for EIA studies with the help of flow diagram. (08 Marks)
b. What are the various types of methodologies in EIA? Discuss any 2 methodologies in brief. (12 Marks)
- 4 a. Briefly explain the procedure for assessment of impact on Socio – Economic Environment. (10 Marks)
b. Discuss the various steps involved in assessment and prediction of impact on Air Environment. (10 Marks)

PART – B

- 5 a. Write a note on EIA guidelines for development projects with a suitable example. (08 Marks)
b. Write a short note on : i) Comprehensive EIA ii) Rapid EIA. (12 Marks)
- 6 a. Explain the importance of public participation programme in Environment decision making. (12 Marks)
b. Explain briefly Practical Considerations in preparing EIA. (08 Marks)
- 7 a. Outline the salient features of Project Activity and Environmental parameter activity relationships. (12 Marks)
b. Comment on Objectives and Scope of EIA Assessment Studies. (08 Marks)
- 8 Outline EIA aspects of following Projects : (10 Marks)
a. Water Resource Projects. (10 Marks)
b. Highway Projects. (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.