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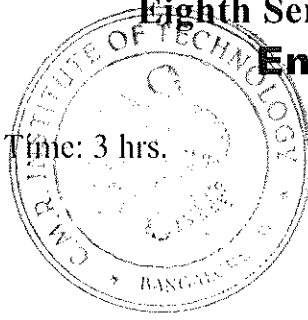
10CV847

Eighth Semester B.E. Degree Examination, June/July 2016
Environmental Impact Assessment

Time: 3 hrs.

Max. Marks:100

Note: Answer FIVE full questions, selecting at least TWO questions from each part.



PART – A

- 1 a. Define EIA and explain relationship between EIA, EIS and FONSI. (10 Marks)
b. Explain in brief baseline information in EIA. (10 Marks)
- 2 a. Explain the following :
i) Need for EIA studies
ii) Limitations of EIA (08 Marks)
b. Explain in detail, the step by step procedure for conducting EIA. (12 Marks)
- 3 a. Explain any 2 methodologies used in EIA. (10 Marks)
b. Define environment setting. List the major environment components to be considered during EIA and explain any one of them. (10 Marks)
- 4 a. Explain the basic step for prediction and assessment of impact on water. (10 Marks)
b. Discuss the various steps involved in assessment and prediction of impact on air attribute. (10 Marks)

PART – B

- 5 a. Differentiate between REIA and CEIA. List the brief contents of REIA. (10 Marks)
b. Bring out clearly the guidelines of EIA for a development project substantiate with an example. (10 Marks)
- 6 a. What is the importance of public participation in environmental decision making? State the advantages and disadvantages of public participation. (10 Marks)
b. Outline the salient features of project activity and environmental parameters relationship. (10 Marks)
- 7 Briefly explain assessment procedure in the following activities.
i) Highway project
ii) Thermal power plants. (20 Marks)
- 8 Write short notes on any 4 of the following :
a. Socio-economic impact assessment
b. EIA process in India
c. DEIA and FEIA
d. Environmental impact of Nuclear power plants
e. Environment impact matrices. (20 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.