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10CV847

Eighth Semester B.E. Degree Examination, June/July 2018
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 EIA and with the help of flow chart, explain relationship between EIA, EIS and FONSI. (10 Marks)
b. Explain the need of EIA studies. (05 Marks)
c. Explain the major components of Baseline Information. (05 Marks)
- 2 a. With the help of neat flow chart, explain the step – by – step procedure for conducting EIA. (12 Marks)
b. Explain the various limitations of EIA. (08 Marks)
- 3 a. Describe the frame work of environmental impact assessment with the help of flow chart. (10 Marks)
b. Explain in detail the check list and Network methodologies of EIA. (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 socio – Economic Environment. (10 Marks)

PART – B

- 5 a. Outline the MoEF guidelines for developmental projects. (10 Marks)
b. Explain REIA, CEIA, DEIS and FEIS. (10 Marks)
- 6 a. Define Public participation. What are the advantages and disadvantages of public participation? (10 Marks)
b. Explain the practical considerations in writing impact statements. (10 Marks)
- 7 a. Outline the salient features of the project activity and environmental parameters relationship. (10 Marks)
b. Briefly explain the Leopold matrix. (10 Marks)
- 8 List the Environmental impacts of : (05 Marks)
a. Water resource development project. (05 Marks)
b. Mining project. (05 Marks)
c. Highway project. (05 Marks)
d. Infrastructure construction activities. (05 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.