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06CV847

**Eighth Semester B.E. Degree Examination, May/June 2010**  
**Environmental Impact Assessment**

Time: 3 hrs.

Max. Marks:100

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

**PART - A**

- 1 a. Illustrate the role of environmental impact assessment with reference to developmental activity and ecological factors. (10 Marks)
- b. With the aid of a flow diagram, establish the relation between EIA, EIS and FONS1. (10 Marks)
- 2 a. Explain in detail, the step-by-step procedure for conducting EIA. (12 Marks)
- b. Bring out clearly the limitations of EIA. (08 Marks)
- 3 a. Explain the various activities associated with EIA. (10 Marks)
- b. With the help of a flow diagram, explain the frame work of impact assessment. (10 Marks)
- 4 a. Discuss the various steps involved in assessment and prediction of impact on air attribute. (10 Marks)
- b. Briefly explain the procedure for assessment of impacts on surface water environment. (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 developmental project. Substantiate with an example. (10 Marks)
- 6 a. Discuss the importance of public participation in EIA studies. (10 Marks)
- b. Comment on objectives and scope of environmental impact assessment studies. (10 Marks)
- 7 a. Outline the salient features of a project activity and environmental parameters relationship. (12 Marks)
- b. Write briefly on prediction of soil environmental factors. (08 Marks)
- 8 a. Quantify the environmental impact for a nuclear power plant project. (10 Marks)
- b. Quantify the environmental impact for a water resources project. (10 Marks)

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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.