

**EIGHTH SEMESTER BTECH (CIVIL) MODEL QUESTION PAPER  
(2008 SCHEME)**

**08.806.11 -ELECTIVE-IV - ENVIRONMENTAL IMPACT ASSESSMENT**

Time: 3 Hours

Maximum Marks: 100

Answer all Questions

**PART – A**

1. List out the key features of National environmental policy Act.
2. Write a short note on Screening.
3. List out the latest softwares in water and air quality modeling.
4. Write a short note on fault-tree analysis.
5. Explain the checklist method of impact assessment.
6. Briefly explain the various types of Socio-economic impacts.
7. Write a short note on standards for noise quality.
8. Briefly explain the impact of development on vegetation and wild life.

(5x8=40 marks)

**PART-B  
MODULE-I**

9. Explain briefly the evolution of EIA.

OR

10. Explain in general the environmental clearance process in India.

**MODULE-II**

11. Explain the role of public participation in EIA and write a short note on overlay and matrix method of impact assessment.

OR

12. Explain the role of environmental engineer in EIA and write a short note on Event tree analysis.

**MODULE-III**

13. Write a short note on water quality analysis and explain the standards for water quality.

OR

14. Explain briefly the preparation of Environmental Management plan for a hydro electric power project.

(3x 20=60 marks)

