

00463

**B.TECH. CIVIL ENGINEERING
(BTCLEVI)**

Term-End Examination

December, 2012

**BICEE-014 : ENVIRONMENT IMPACT ANALYSIS
OF CIVIL ENGINEERING PROJECTS**

Time : 3 hours

Maximum Marks : 70

Note : Answer any five questions.

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1. (a) What is EIA ? What are the objectives of it ? 7
Explain Screening in the EIA Process.
 - (b) Explain in detail, various guidelines for 7
assessing impact of dams.
 2. (a) What is NEPA ? Highlight it's key features. 7
 - (b) What are the various methods of 7
environmental impact assessment ? Explain
any one in detail.
 3. (a) What is meant by environmental setting ? 7
Explain in detail the objectives and the
process of environmental setting.
 - (b) What is EMP ? Explain the salient features 7
of it.

4. (a) Explain "Environmental indicators" for describing affected environment. 7
- (b) Explain the procedure of predicting and assessment of impact of air quality. 7
5. (a) With a case study or an example explain the process of prediction and assessment of impact of soil environment. 7
- (b) Explain in detail the procedure of preparing EIA document. 7
6. (a) What do you understand by Environmental monitoring ? Explain the need of it in the context of EIA studies. 7
- (b) What is meant by socio economic impact analysis ? What are the various possible impacts on socio economic setting ? 7
7. Write notes on the following :
- (a) Public Participation in decision making 5
- (b) Role of USEPA 4
- (c) Utility and Scope of EIA Process 5