

00680

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

Term-End Examination

June, 2013

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

Time : 3 hours

Maximum Marks : 70

Note : Answer any five questions.

-
1. (a) With the help of block diagram explain the components of EIA process. 7
 - (b) Explain Environmental Protection and EIA at national level. 7
 2. (a) Explain in detail, planning and management of environmental impact studies. 7
 - (b) Write in detail, the various factors for consideration in assessing the impacts of waste water treatment facilities. 7
 3. (a) What is Environmental Evaluation System ? Explain in detail. Also mention it's limitations. 7
 - (b) What is meant by Environmental Setting ? Explain in detail, the objectives of it. 7

4. (a) Explain in detail, the matrix method of impact identification. 7
- (b) With help of case study, explain the prediction and assessment of impact on ground water. 7
5. (a) What is Environmental Impact Statement ? Write the guide lines for the preparation of it. 7
- (b) Explain, how EIA on Vegetation and Wild - life is carried out (if needed with examples). 7
6. (a) What is Environmental monitoring ? Explain in detail about the various environmental monitoring process. 7
- (b) Explain the decision methods for evaluation of alternatives for a proposed action. 7
7. Write notes on the following : 2x7=14
- (a) Environmental Indices
- (b) Preparing the EIA document.
-