

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Civil Engineering) (Sem.-7)
ENVIRONMENTAL IMPACT ASSESSMENT
Subject Code : BTCE-814
M.Code : 71873

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer briefly :

- a. What is CPCB?
- b. In which year EIA introduced in India?
- c. Who issues clearance for EIA projects?
- d. What is the composition of the expert committee for EIA?
- e. List the standards for air quality index.
- f. What is audit protocol?
- g. What is forest degradation?
- h. What are EIA methodologies?
- i. Which level of noise is called noise pollution?
- j. What are the affects of thermal pollution?

SECTION-B

2. Explain the various steps in preparing of EIA report.
3. How air pollutants can affect human beings directly?
4. What is environmental audit? Explain.
5. Explain the measures to be taken for mitigation of adverse environmental impacts during operational phases of an engineering project.
6. Explain in detail the 'Interaction Matrix Method'.

SECTION-C

7. What are the objects of public participation in EIA?
8. Discuss the role of modeling in prediction and assessment of impacts of water pollution. Give a suitable Example.
9. Discuss about the need of EIA for engineering projects.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.