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Total No. of Questions: 09

# B.Tech. (Civil Engineering) (Sem.-7) **ENVIORNMENTAL IMPACT ASSESMENT**

Subject Code: BTCE-814 M.Code: 71873

Max. Marks: 60 Time: 3 Hrs.

#### **INSTRUCTIONS TO CANDIDATES:**

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

### **SECTION-A**

#### 1. **Answer briefly:**

- b. In which year EIA introduced in India?c. Who issues clear
- d. What is the composition of the expert committee for EIA?
- List the standards for air quality index.
- What is audit protocol?
- What is forest degradation?
- h. What are EIA methodologies?
- Which level of noise is called noise pollution?
- 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.

**2** M-71873 (S2)-2557