

Paper Code: **CE-013**

Roll No.

B.TECH.**SIXTH SEMESTER EXAMINATION, 2015-2016
ENVIRONMENTAL MANAGEMENT FOR INDUSTRIES****[Time:-3 Hours]****[Max Marks: 100]***Note: Attempt all five questions.*

- Q. 1.** Attempt any *two* of the following:- **[10x2=20]**
- What are salient features of Environment (Protection) Act of 1986? How far the schedules to the act help in environment quality management?
 - By describing the tenets of Water Act and Water Cess Act explain how they are implemented.
 - What does the Constitution of India say about environment? How is Stockholm Conference held in 1972 significant? Write the names of various legislations enacted for the protection and conservation of environment.
- Q. 2.** Attempt any *two* of the following:- **[10x2=20]**
- Explain the environmental significance of (i) location (ii) approach and (iii) manufacturing processes for any industry.
 - What are the different local environment features? What factors are considered when local environment features are taken into account?
 - What do you understand by Baseline Data Generation? What are the different environmental components and environment indicators which are considered for the baseline data generation?
- Q. 3.** Attempt any *two* of the following:- **[10x2=20]**
- What are different pollution sources from a Dairy Industry? Draw a neat flowchart of manufacturing process indicating various pollution sources.
 - Identify different types of pollutant parameters generated from a Sugar Industry. How the wastes from the sugar industry are treated?
 - What are the environmental standards for different parameters as per environment rules? Also mention different classes of water.
- Q. 4.** Attempt any *two* of the following:- **[10x2=20]**
- Explain the sources and types of wastes from a model Distillery. What is the wastewater characteristics generated from the industry?
 - What is the significance of Environment Impact Assessment? What is the process involved for environment appraisal for any project/activity.
 - What do you understand by Environment Management Plan and the various methods for its selection? Describe the various mitigation measures in the plan.
- Q. 5.** Write short notes on any *four* of the following:- **[5x4=20]**
- Risk Assessment
 - Disaster Management Plan
 - ISO 14000
 - Characteristics of hazardous wastes
 - Terms of Reference
 - National Ambient Air Quality Parameters