

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V • EXAMINATION – SUMMER • 2014****Subject Code: 153506****Date: 24-06-2014****Subject Name: Legislation in Environment Protection****Time: 10.30 am - 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (a) Write a note on water quality monitoring and ambient air quality monitoring at landfill site. **07**

(b) Define water pollution. What are the various powers of central and state pollution control board of India under water (Prevention and Control of Pollution) Act 1974? **07**

Q.2 (a) Give the various objectives and some basic details of the environmental (Protection) Act, 1986. What are the penalties for violating the provisions of this Act? **07**

(b) Summarize any two legislations which you think, play an important role in environment protection. **07**

OR

(b) Write the significance of Statutory provisions in environment protection. **07**

Q.3 (a) Describe procedure for handling H-waste under “The Hazardous Wastes (Management, Handling & Trans boundary movement) Rules, 2008”. **07**

(b) Discuss Recycled Plastic, Manufacturing and Usage rules, 1999 and its amendments. **07**

OR

Q.3 (a) Summarize the obligations on the part of industries under water Act, water cess act, air act and environmental protection act. **07**

(b) Briefly discuss Bhopal gas tragedy and its important judgments. **07**

Q.4 (a) What are the main constitutional provisions regarding environment protection, comment, citing the cases? **07**

(b) What powers and functions are conferred to PCBs under “The air (prevention and control of pollution) act, 1981”? **07**

OR

Q.4 (a) Discuss London smog disaster and give its various health effects. **07**

(b) What are the major sections of “The air (prevention and control of pollution) act, 1981”? **07**

Q.5 (a) Define noise pollution. Discuss Noise pollution (Regulation and Control) Rules, 2000. **07**

(b) What do you understand by environmental management system (EMS)? What are the benefits of implementing EMS in an organization? Give an outline of the key elements of EMS and explain the purpose of environmental policy. **07**

OR

Q.5 (a) Explain the EMS element “Implementation and Operation” in detail with its all sub elements. **07**

(b) What do you understand by statutory requirements of an industry? Write about four major environmental legislation with their objective. **07**
