

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

# GUJARAT TECHNOLOGICAL UNIVERSITY

BE- VIII<sup>th</sup> SEMESTER-EXAMINATION – MAY- 2012

**Subject code: 181304**

**Date: 08/05/2012**

**Subject Name: Environmental Legislation and Audit**

**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) Describe the procedure of collecting sample under Water Act 1974. **07**  
(b) Enlist and explain the scope of Environmental audit **07**

**Q.2** (a) Give the penalty provisions under Water Act 1974 and Air Act 1981 **07**  
(b) Enlist the provisions in the Constitution related to environment and discuss any two in brief. **07**

**OR**

(b) How is Environmental Audit different than financial audit? Differentiate between EIA and Environmental Audit. **07**

**Q.3** (a) Define the following terms: **07**  
(i) Consent (ii) Outlet (iii) Authorization (iv) Emission  
(v) Chimney (vi) Hazardous substance (vii) Trade effluent  
(b) “Environmental Protection Act is considered as an Umbrella Act” Justify the statement. **07**

**OR**

**Q.3** (a) What is Biomedical Waste? Enlist and explain the different categories of Biomedical wastes **07**  
(b) Define the following with respect to Hazardous Waste Rules: **07**  
(1) Manifest  
(2) Trans boundary Movement  
(3) Treatment

**Q.4** (a) Do you think that “Environmental Legislation in India is toothless? Give your own comments **07**  
(b) Enlist the functions of State Pollution Control Board, under Water Act 1974. **07**

**OR**

**Q.4** (a) Prepare a list of information required for application of CC&A or NOC **07**  
(b) Explain the purpose and need of Water Cess Act and responsibility of industries as per Water Cess Act 1977. **07**

**Q.5** (a) Prepare a list of Pre audit activities. Highlight the contents and importance of Pre audit questionnaire. **07**  
(b) Write a short note on ‘Water Balance Diagram’. **07**

**OR**

**Q.5** (a) With the help of a neat sketch write a short note on Material Mass balance. **07**  
(b) What is the importance of monitoring in Environmental audit? Explain the methods of sampling. **07**

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