

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2023****Subject Code:3161310****Date:13-12-2023****Subject Name: Environmental Legislation & Audit****Time:02:30 PM TO 05:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

Q.1 (a) Define the following terms ; **03**

I. Pollution II. Trade Effluent III. Sewage effluent.

(b) Write down the preamble of The Water Act – 1974 & The Air Act – 1981. **04**

(c) Explain the procedure for legal sampling under the water (prevention & control of pollution) act, 1974. **07**

Q.2 (a) Discuss the objectives of the E – waste management. **03**

(b) Illustrate Constitutional perspective to Environmental legislation. **04**

(c) Prepare a list of Pre-audit activities. Highlight the contents and importance of Pre-audit questionnaire. **07**

OR

(c) Which prohibitions & restrictions on the location of industries in different areas can central government may impose for carrying out process & unit operations as per the EPA 1986. **07**

Q.3 (a) Write down the full forms of EC, CTE, CC&A. **03**

(b) Discuss the benefits of the ISO 14000. **04**

(c) Define Biomedical waste & write down the BMW treatment options prescribed under BMW Rules, 2016. **07**

OR

Q.3 (a) Write down the noise standards prescribed under Noise rules 2000. **03**

(b) Discuss the objectives of the Public Liability Insurance Act 1991. **04**

(c) Explain the manifest system for transportation of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. **07**

Q.4 (a) Define the approved fuel as per the Air Act – 1986 & enlist the approved fuels. **03**

(b) Explain the precautionary & polluter's pay principle. **04**

(c) Define environmental audit & write down the eligibility criteria for an environmental auditor. **07**

OR

Q.4 (a) Enlist the activities prohibited under CRZ notification, 2011. **03**

(b) Discuss the combined but differential responsibility principle. **04**

(c) Define “Adequacy & Efficacy “terms of environmental audit activity along with steps to carry out them for any industry. **07**

Q.5 (a) Write down the composition of the tribunal established under the NGT act ,2010. **03**

(b) Write down the applicability of plastic waste management rules, 2016. **04**

(c) Identify the lacunae in the various proviso of the Air (Prevention & Control of Pollution) Act'1981. **07**

OR

Q.5 (a) Briefly explain the powers of the NGT. **03**

(b) Discuss the silent features of C & D waste management rules, 2016. **04**

(c) Write down penalty provisions under The Air (Prevention & Control of Pollution) Act'1981. **07**
