

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2024****Subject Code:3161310****Date:24-05-2024****Subject Name:Environmental Legislation & Audit****Time:10:30 AM TO 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.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) Why is enforcement of legislation necessary?	03
	(b) Why is the need for legislation for solving environmental issues?	04
	(c) Enlist the Environmental legislations and how are they important for environmental improvement and conservation?	07
Q.2	(a) What are the objects of environment (protection) Act 1986?	03
	(b) What do you mean by “Power of entry and inspection”?	04
	(c) Describe the Environmental Protection Act, 1986.	07
	OR	
	(c) Explain the purpose and need of Water Cess Act, 1977 and responsibility of industries as per this act.	07
Q.3	(a) What do you mean by Authorization? When it is needed?	03
	(b) What are the penalties under the Water Act for violation of the provisions?	04
	(c) Explain the constitution, functions and powers of Central and State Board for the prevention and control of the Air Pollution under the Air (Prevention and Control of Pollution) Act, 1981?	07
	OR	
Q.3	(a) What do you mean by Consent? When it is needed?	03
	(b) What is CRZ? What are the prohibiting activities under CRZ notification?	04
	(c) Enlist the functions of SPCB and penalty provisions under Water Act, 1974.	07
Q.4	(a) What do you mean by “water pollution, “trade effluent “and sewage effluent”?	03
	(b) Explain transportation and manifest system for Hazardous waste.	04
	(c) Brief the notification of Construction & Demolition Waste Management Rules 2016	07
	OR	
Q.4	(a) Define “Emission”, “Occupier” and outlet under the Act?	03
	(b) Discuss the importance of public participation in environmental decisions.	04

	(c)	Comment on hazardous wastes (Management and Handling) Rules 1989.What are the salient features of these rules?	07
Q.5	(a)	What are the objectives behind the environmental audit?	03
	(b)	What is ISO? What is the Purpose of ISO 14001?	04
	(c)	Brief the notification of Plastic Waste Management Rules 2016.	07
OR			
Q.5	(a)	What are the Benefits of ISO 14001 Certification?	03
	(b)	Objectives of the Public Liability Insurance Act.	04
	(c)	Explain details required for application of CC&A or NOC.	07
