GUJARAT TECHNOLOGICAL UNIVERSITY

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VIII EXAMINATION – SUMMER 2016 Subject Code:181304 Date:16/05/2016 Subject Name:Environmental Legislation and Audit (Department Elective - II) 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.			
Q.1	(a) (b)	Justify, "EPA is considered as an Umbrella Act". Explain the following sections under Water Act, 1974. (i) Section 49 (ii) Section 58 (iii) Section 60	07 07
Q.2	(a) (b)	 Explain the following sections under Air Act, 1981. (i) Section 25 (ii) Section 42 (iii) Section 46 "Environmental Legislation in India is toothless". Justify the statement. 	07 07
		OR	
	(b)	Enlist the provisions in the constitution related to environment and discuss briefly any two.	07
Q.3	(a) (b)	Enlist and explain the scope of Environmental Audit. Explain the details required for the application of CC&A or NOC.	07 07
		OR	~ -
Q.3	(a) (b)	Enlist the functions of SPCB under Water Act, 1974. Explain the penalty provisions under Water Act, 1974 and Air Act, 1981.	07 07
Q.4	(a)	What is Bio-medical waste? Enlist and explain the different categories of biomedical	07
	(b)	waste. What is Coastal Regulation Zone? Which are the prohibited activities under the CRZ notification.	07
0.4	(\mathbf{a})	OR Describe the silence zone of per the Noise Dulas	07
Q.4	(a) (b)	Describe the silence zone as per the Noise Rules. Explain Manifest and TREMCARD with respect to the Hazardous Waste Management and Handling Rules.	07 07
Q.5	(a)	Explain the purpose and need of Water Cess Act, 1977 and responsibility of	07
	(b)	industries as per this act. What is the importance of Environmental Monitoring? Explain the sampling methods.	07
Q.5	(a)	OR Define the following terms. (i) Stream (ii) Chimney (iii) trade effluent (iv) Outlet (v) Emission	07
	(b)	(vi) Occupier (vii) Hazardous substance Prepare a list of Pre-audit activities. Highlight the contents and importance of Pre- audit questionnaire.	07
