GUJARAT TECHNOLOGICAL UNIVERSITY

	•	GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – II • EXAMINATION – SUMMER • 2014 code: 1724809 Date: 25-06-2014 Name: Sustainable Environmental Planning	
Tin	ne: 02 tructio 1. 2.	2:30 pm - 05:00 pm Total Marks: 70	
Q.1	(a) (b)	Give the classification of ecology and explain the concept of ecosystem. Enlist various water conservation techniques and explain any two in detail.	07 07
Q.2	(a) (b)	Discuss the classification and effects of water pollutants. What are the factors affecting air pollution? Which preventive measures can be adopted for controlling air pollution?	07 07
	(b)	OR What do you mean by land degradation? Which are the causes of land degradation	07
Q.3	(a) (b)	Write a note on Green buildings Explain the importance of eco-friendly industrial location and factors affecting the planning of it.	07 07
Q.3	(a) (b)	OR Discuss the abatement measures of air pollution due to automobiles. Write a note on green residential clusters	07 07
Q.4	(a) (b)	Discuss the carbon credits environmental standards in India Explain various steps followed in Life cycle analysis method used in environmental impact assessment	07 07
Q.4	(a)	OR Explain the clean development mechanism defined under Kyoto protocol of IPCC	07
	(b)	Discuss the role and functions of GPCB and CPCB	07
Q.5	(a) (b)	Discuss the regulatory provisions for Green belt development in India Explain the role and functions of Ministry of Environment and Forest. OR	07 07
Q.5	(a) (b)	Explain the hazardous effects of noise pollution on humans and animals Enlist various environmental acts and explain any two in detail	07 07
