Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – II • EXAMINATION – WINTER • 2014

Subject code: 1724809 **Date: 08-12-2014**

Subject Name: Sustainable Environmental Planning

Time: 02:30 pm - 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.**

Q.1	**(a)**	Discuss the effects of air and noise pollution on humans.	**07**
	(b)	Explain through a chart the structure of ecosystem.	**07**
Q.2	**(a)**	Discuss the causes and effects of land pollution.	**07**
	(b)	What do you mean by sustainable development? Discuss the principles of sustainable development.	**07**
		OR	
	(b)	Discuss the benefits of urban green spaces	**07**
Q.3	**(a)**	What is Green building? Write a descriptive note about it.	**07**
	(b)	Write a conceptual note on green residential clusters.	**07**
		OR	
Q.3	**(a)**	Describe the sustainability checklist and multi-dimensional concept for environment.	**07**
	(b)	Discuss the conservation techniques of water in domestic use.	**07**
Q.4	**(a)**	Explain the objectives and scopes of environmental audit	**07**
	(b)	Discuss the role and functions of MoEF and DoEF	**07**
		OR	
Q.4	**(a)**	Describe pre and post audit steps of environmental auditing.	**07**
	(b)	Discuss the functional differences between GPCB and CPCB	**07**
Q.5	**(a)**	What is carbon credit? Discuss carbon credit standards in India.	**07**
	(b)	Explain the project cycle of clean development mechanism	**07**
		OR	
Q.5	**(a)**	Enlist various environmental acts implementing in India and explain the criteria of any one act.	**07**
	(b)	Explain the concept of multidisciplinary environmental decision making	**07**

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