Enrolment No._____ Student sign:-_____

GUJARAT TECHNOLOGICAL UNIVERSITY

Mahatma Gandhi Institute of Tech. Education & Research Center, Navsari

B. E. F. Y. (SEM – II) MID SEMESTER EXAMINATION - MARCH 2009

Environmental Studies (110007)

MGITER

Center Code:033

Date: 24/03/2009 **Time: 90 Minutes** **Max. Marks: 40**

Instructions:

1. All questions are compulsory.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q-1	(a)	Define Environment. What do you mean by biotic and abiotic components?	6
	(b)	Show the temperature and altitude range for various layers of the atmosphere.	6
Q-2	(a)	Write a short note on Hydrosphere.	4
	(b)	Write a short note on Green House Effect with help of a neat sketch.	8
		OR	
Q-2	(a)	Give water quality standards for Fluorides, Total Dissolved Solids and Total coliform along with their health effects.	6
	(b)	Give air quality standards for various air pollutants.	6
Q-3	(a)	Give a classification of air pollutants.	6
	(b)	Write the various sources of common air pollutants? What are their adverse effects on health?	6
	(c)	Explain point and non point sources of water pollution.	4
		OR	
Q-3	(a)	Discuss the impacts of technology on the environment?	6
	(b)	Write a short note on acid rain.	6
	(c)	Differentiate among biodegradable, slow degradable and non degradable pollutants.	4

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