## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-VIII • EXAMINATION – SUMMER 2014

Subject Code: 181301Date: 05-06-2014Subject Name:Municipal and Hazardous Solid Waste ManagementTime: 10:30 am TO 01:00 pmTotal Marks: 70Instructions:1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a) (b)	Explain sources of Municipal Solid Waste and its composition. Write short note on collection of Solid Waste.	07 07
Q.2	(a) (b)	Explain processing techniques for Municipal Solid Waste. Write short note on transfer and transport of solid waste. <b>OR</b>	07 07
	<b>(b)</b>	Write short note on on-site handling and on-site processing of solid waste.	07
Q.3	(a) (b)	e	07 07
Q.3	(a) (b)	<b>OR</b> Enlist categories of biomedical waste. Explain transport of hazardous waste with six copies of the manifest as per the colour codes.	07 07
Q.4	(a) (b)	Write short note on selection criteria for landfill side. Explain Incineration in brief.	07 07
Q.4	(a) (b)	OR Explain pyrolysis in brief. Explain various treatments of Bio-medical waste.	07 07
Q.5	(a) (b)	Explain waste minimization.	07 07
Q.5	(a) (b)	OR Explain waste Recycling and Reuse. Explain land filling methods in brief.	07 07

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