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Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER-V • EXAMINATION - SUMMER • 2014

Su	bject	Code: 150603 Date: 19-06-2014	
Tiı	me: 1 tructio	Attempt all questions.  Make suitable assumptions wherever necessary.	
Q.1	(a) (b)	What is air pollution? Discuss its effects on humans, animals and plants. Discuss the self purification of stream.	07 07
Q.2	(a) (b)	Explain the different factors affecting the water demand.  Explain the different physical quality parameters of the water  OR	07 07
	<b>(b)</b>	Write a short note on control of water borne diseases	07
Q.3	(a) (b)	Differentiate between aerobic and anaerobic decomposition of waste water. What is sewage farming? State advantages of this method.  OR	07 07
Q.3	(a) (b)	Define and explain the (a) House drainage system (b) Sewerage system Discuss the different methods of sewage disposal.	07 07
Q.4	(a) (b)	Write short note on Environmental impact assessment.  Describe methods of measurement and control of noise.  OR	07 07
Q.4	(a)	How the pH is measured? Calculate how much acidic is pH 4 compared to pH of 6 Write short note on MPN test.	07
	<b>(b)</b>		
Q.5	(a) (b)	Write short note on Environment Audit. State and explain classification of solid waste.  OR	07 07
Q.5	(a) (b)	Describe sanitary land filing on low lying areas. Discuss biomedical waste characterization.	07 07

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