GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER – VI EXAMINATION – WINTER 2015

Subject Code:161301Date:15/12/2015Subject Name: Municiple EngineeringTime:2:30pm to 5:00pmTime:2:30pm to 5:00pmTotal Marks: 70Instructions:Total Marks: 70			
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Enlist and explain factors affecting the Demand of water. Prepare a list of Pumps used in Water Supply and explain any two.	07 07
Q.2	(a) (b)	Differentiate between Combined and Separate Sewerage system. Draw a neat sketch of River Intake and explain its working. OR	07 07
	(b)	Write a short note on Importance and reliability of Water works.	07
Q.3	(a) (b)	Enlist and explain the factors affecting the Storm water. Explain Dead-end system of water distribution with neat sketch. OR	07 07
Q.3	(a) (b)	Explain construction and working of Gate Valve with neat sketch. Differentiate between Storm water and Sanitary sewage.	07 07
Q.4	(a) (b)	Explain construction and functions of Drop Manhole with neat sketch. Write a short note on Maintenance and Cleaning of sewers. OR	07 07
Q.4	(a) (b)	Enlist different Storm relief works and explain any one with sketch. Enlist different types of Materials for Sewers. Explain any two in detail.	07 07
Q.5	(a) (b)	Write a short note on different types Sewer joints. Write a short note on different types of Traps used in House Plumbing. OR	07 07
Q.5	(a) (b)	Write down the procedure for laying of Sewer Pipes. Enlist various systems used in House Plumbing. Explain any one in detail.	07 07
