Seat No.: _____ Enrolment No._____ CULARAT TECHNOLOGICAL UNIVERSITY

GUJARAT TECHNOLOGICAL UNIVERSITY BE- VII th SEMESTER-EXAMINATION – MAY/JUNE- 2012			
Subject code: 170304 Date: 28/05/201			
Subject Name: Hospital Management & Clinical Technology			
Time: 02:30 pm – 05:00 pm Total Ma			rks: 70
Instructions:			
 Attempt all questions. Make suitable assumptions wherever necessary. 			
	3. Figures to the right indicate full marks.		
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Q.1	(a) (b)	Explain the hierarchy of hospital administration. What are the important functions of biomedical engineering unit in	07 07
		hospital?	07
Q.2	(a)	List and discuss the equipment and staff requires for medical intensive	07
	(b)	care unit. Discuss the objective and function of central sterilization and supply	07
	(~)	department.	01
	OR		
	(b)	Explain the clinical facilities requires in emergency department.	07
Q.3	(a)	Based on objective and size, classify different types of hospitals.	07
-	(b)	List and explain various indices for measuring efficiency of hospital.	07
Q.3	(a)	OR Discuss the overview and functions of clinical laboratories.	07
Q.3	(a) (b)	Discuss the factors affecting number of nurses.	07
Q.4	(a)	Enlist the common elements of outpatient facilities and space	07
	(b)	requirements. Discuss the forecasting and planning criteria in hospital management.	07
		OR	
Q.4	(a)	List the various types of budgets and explain income expenditure statements.	07
	(b)	List the instrumentation and functions of blood bank.	07
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Q.5	(a) (b)	Explain the management of biomedical waste in hospital. Discuss the need of physiotherapy department and list the commonly	07 07
	(b)	arise problems in this department.	U7
		OR	
Q.5	(a) (b)	Discuss the criteria for zoning of OT.	07 07
	(b)	What are the cardinal rules for material management in hospital?	07
