Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER–VII EXAMINATION – SUMMER 2016

Subject Code:170304 **Date:18/05/2016**

Subject Name:Hospital Management & Clinical Technology

Time:02:30 PM to 05:00 PM **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Explain hospital Administrative Hierarchy.	**07**
	(b)	Enlist various department of hospital and draw typical layout of a Hospital shoving various departments.	**07**
Q.2	**(a)**	Give duties and responsibilities of Biomedical engineer in Hospital.	**07**
	(b)	What is the role of central sterilization services in Hospital? Enlist all equipment's used in this department. Explain working principle of any one equipment.	**07**
		OR	
	(b)	Explain role of Physiotherapy & Rehabilitation Center in therapeutic treatments. Enlist all equipment's available in this center.	**07**
Q.3	**(a)**	Explain management information system for hospital with necessary schematic.	**07**
	(b)	Enlist and explain various types of ICU. Discuss various equipment of ICU.	**07**
		OR	
Q.3	**(a)**	What is nursing service? Explain the function of nursing service.	**07**
	(b)	Explain process of Sterilization by ETO sterilizer.	**07**
Q.4	**(a)**	Explain Importance of blood bank in Hospital. Enlist all equipment available in this department.	**07**
	(b)	Explain zoning process of Operation Theater.	**07**
		OR	
Q.4	**(a)**	Explain step by step approach to planning.	**07**
	(b)	Explain various types of Budgets.	**07**
Q.5	**(a)**	State responsibilities of finance manager.	**07**
	(b)	Explain role and function of Hospital administrator.	**07**
		OR	
Q.5	**(a)**	State and explain operative goals of materials management. Explain material management process in detail.	**07**
	(b)	Define Hospital. State the factors affecting Role of Hospital.	**07**

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