Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

**BE - SEMESTER-VII EXAMINATION - WINTER 2015** 

Sul	bject	Code: 170304 Date: 16/12/2015	
Tin	-	Name: Hospital Management and Clinical Technology 0:30am to 1:00pm Total Marks: 70	
Hist	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.	
Q.1	(a)	What do you understand by changing roles of hospital? Explain the factors affecting the same.	07
	<b>(b)</b>	Give classification of hospitals. What do you mean by intramural & extramural functions of hospital?	07
Q.2	(a)	What are the guiding principles in hospital planning? Describe Hospital Planning Team.	07
	<b>(b)</b>	What are the factors influencing hospital utilization? Also discuss considerations for choosing a site for Hospital.	07
	<b>(b)</b>	OR Explain layout of OPD with diagram. Determine the number of consulting cum examination rooms required for an area having population 50000.	07
Q.3	(a)	List the various types of ICUs. Draw layout of ICU and explain its planning and organization considerations.	07
	<b>(b)</b>	Explain both nursing & non-nursing duties of nurses. Enlist the steps for determining nursing time available per patient per day.  OR	07
Q.3	(a)	Define organization and is Hospital like any other organization?	07
•	<b>(b)</b>	Draw radiology department layouts and explain considerations for location and layout of radiography rooms.	07
Q.4	(a)	Explain zoning in Operation Theatre. Explain functional interrelationship of rooms in OT Suite.	07
	<b>(b)</b>	Explain flow in CSSD along with its functions.  OR	07
Q.4	(a)	What are the principles of management?	07
ζ	(b)	Give general classification of waste & explain salient features of biomaterial waste management.	07
Q.5	(a)	What is clinical audit? Give its types and explain the functions of Quality Assurance Committee.	07
	<b>(b)</b>	What are the causes of rise in hospital expenditure? What are the financial requirements of a hospital?	07
Q.5	(a)	<b>OR</b> What do you mean by medical records, need for maintaining it and functioning of medical records department?	07
	<b>(b)</b>	Elaborate on ancillary & support services present in ICU.	07

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