

GUJARAT TECHNOLOGICAL UNIVERSITY**B. E. - SEMESTER – VII • EXAMINATION – WINTER 2012****Subject code: 170304****Date: 27/12/2012****Subject Name: Hospital Management and Clinical Technology****Time: 10.30 am - 01.00 pm****Total Marks: 70****Instructions:**

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

- Q.1** (a) Define Hospital. Explain Personal Health Services. **07**
(b) Enlist the Extramural and Intramural functions of Hospitals. **07**

- Q.2** (a) Draw & Explain flowchart of Outpatient department. **07**
(b) Enlist and explain various types of ICU. **07**

OR

- (b) Explain Ancillary and Support services used in ICU. **07**

- Q.3** (a) Explain determining of the Nursing staff requirement. **08**
(b) Explain the role of Biomedical engineer in Hospital. **06**

OR

- Q.3** (a) Discuss the various equipments of CSSD. **07**
(b) Explain factors that influencing Hospital Utilisation. **07**

- Q.4** (a) Explain the functional planning of Laboratory services. **07**
(b) What is forecasting? Give Criteria and step by step approach for effective planning. **07**

OR

- Q.4** (a) Explain ABC and VED analysis techniques. **07**
(b) What is zoning? Explain various types of Zone. **07**

- Q.5** (a) Write a short note on Biomedical waste management system. **07**
(b) Explain various types of Budgets in Financial management. **07**

OR

- Q.5** (a) Explain Information management system for Hospital. **07**
(b) Give the answer of following questions. **07**
1) What is the role of Blood Bank in Hospitals?
2) What cares should be taken for protection against radiation in Hospital?
