

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- VIIth SEMESTER-EXAMINATION – MAY/JUNE- 2012

Subject code: 170304

Date: 28/05/2012

Subject Name: Hospital Management & Clinical Technology

Time: 02:30 pm – 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 the hierarchy of hospital administration. **07**
(b) What are the important functions of biomedical engineering unit in hospital? **07**
- Q.2** (a) List and discuss the equipment and staff requires for medical intensive care unit. **07**
(b) Discuss the objective and function of central sterilization and supply department. **07**
- 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**
- OR**
- Q.3** (a) Discuss the overview and functions of clinical laboratories. **07**
(b) Discuss the factors affecting number of nurses. **07**
- Q.4** (a) Enlist the common elements of outpatient facilities and space requirements. **07**
(b) 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**
- Q.5** (a) Explain the management of biomedical waste in hospital. **07**
(b) Discuss the need of physiotherapy department and list the commonly arise problems in this department. **07**
- OR**
- Q.5** (a) Discuss the criteria for zoning of OT. **07**
(b) What are the cardinal rules for material management in hospital? **07**
