

**GANPAT UNIVERSITY**  
**B.TECH. 7<sup>TH</sup> SEM. BIOMEDICAL AND INSTRUMENTATION ENGINEERING**  
**REGULAR EXAMINATION NOVEMBER/DECEMBER 2012**  
**BME 701: HOSPITAL MANAGEMENT**

TIME: 3 Hours

Total marks: 70

**INSTRUCTIONS:**

1. Use separate answer sheets for the two sections
2. Figures on the right side indicate marks
3. Please explain with the help of diagram wherever it is necessary
4. Each sub-question carries equal marks

**SECTION – I**

**Que.1 Write answers of the following questions. 12**

- A Enlist the health services and depict in detail the personal health services.
- B Explain step by step approach to planning.

OR

**Que.1 Write answers of the following questions. 12**

- A Explain the concept of health and factor affecting personal health.
- B Write a detailed note on organization chart.

**Que.2 11**

- A Explain in detail the guiding principles in hospital planning.
- B Explain various types of communication models.

OR

**Que.2 Write answers of the following questions. 11**

- A Explain various steps in budgeting process.
- B Explain the four basic styles of leadership.

**Que.3 Write answers of the following questions. 12**

- A Explain zonal distribution and interrelation of departments in context of hospital planning.
- B Explain the concept of hospital as a system.
- C Explain the characteristics of effective managers.

**SECTION – II**

**Que.4 Write answers of the following questions. 12**

- A Describe the location and layout of the Intensive Care Unit.
- B Explain various problems observed in outpatient services and provide their remedies.

OR

**Que.4 Write answers of the following questions. 12**

- A Explain various types of nursing methods.
- B Explain the staffing and equipment requirements of central sterile supply department.

**Que.5 Write answers of the following questions. 11**

- A Describe the functional planning, staff requirement, equipment requirement and other ancillary requirements of the laboratory in the hospital.
- B Explain lighting, electrical and air-conditioning requirements of operation theatre.

OR

**Que.5 Write answers of the following questions. 11**

- A Explain the factors which influence the number of nurses with in a hospital.
- B Provide location and layout of radiography room.

**Que.6 Write short notes 12**

- A Enlist the functions of pharmacy department with in a hospital.
- B Define: emergency outpatient, referred outpatient and general outpatient
- C Provide the overview of central sterile supply department.
- D Write a note on drug and therapeutic committee.

-----**END OF THE PAPER**-----