

GANPAT UNIVERSITY
BIOMEDICAL & INSTRUMENTATION ENGINEERING DEPARTMENT
B.TECH SEM. VITH (BM&I) REGULAR MAY-JUNE 2013
2BM606: HOSPITAL MANAGEMENT AND INFORMATION SYSTEM

Time:- 3 Hours

Total Marks:- 70

Instructions:

1. Answer to the questions must be written in separate answer books.
2. Figure to the right indicate marks.
3. Conventional terms / notations are used.
4. All the questions are compulsory.

SECTION-I

Q.1

- A. What types of policies and procedures should be followed for smooth functioning of OPD's? 12
- B. What are necessity of committees in an organization?

OR:

Q.1

- A. What are the main design factors considered for radiation protection of radiology department 12
- B. Explain the design and location of operation theatre suits.

Q.2

- A. Explain location and layout of radiography rooms. 11
- B. Define medical records.what are the characteristics of good medical records? What are the major functions of medical records?

OR

Q.2

- A. What are the myths and realities of hospital as an organization? 11
- B. What is the functional relationship of rooms in operation theatre?Explain with each room of hospital.

Q.3

- A. 12
- i) Anganvadi workers are a part of _____
 - ii) The size of the X-ray machine room should be _____
 - iii) The top level management is primarily concerned with _____
 - iv) A pneumatic tube system in hospital is meant for _____
 - v) What is the full form of MIS?
 - vi) The usual size of operation rooms is approximately _____
- B. Explain OPD and IPD department of hospital.give the difference between these two.

SECTION II

- Q.4 A. Explain CSSD department in detail. 12
B. List the plants and equipments required in general hospital.
- OR
- Q.4 A. Explain the lighting, electrical and air-conditioning criteria for design of any operation theatre. 12
B. Describe the functions of the Hospital administrator.
- Q.5 A. Explain design factors and other considerations for Physiotherapy department of hospital. 11
B. Explain Characteristics of action people and data people.
- OR
- Q.5 A. What are functions of the medical staff? explain each function in detail. 11
B. As per the survey of government of India What are the major problems being experienced by hospitals?
- Q.6 A. Explain surveillance and give the types of surveillance. 12
B. Explain ICU department of the hospital.

END OF PAPER