

GANPAT UNIVERSITY
B.Tech Sem. VIth Biomedical & Instrumentation Engineering
Regular Examination April - June 2015
2BM606 Hospital Management & Information System

Time: 3 Hours

Total Marks-70

Instructions:-

1. All the questions are compulsory.
2. Answer of each section must be written in separate answer books.
3. Figure to the right indicate marks.
4. Assume data, if needed.
5. Conventional terms / notations are used.

SECTION-I

- Q-1 (12)
 A Draw and explain work flow of nursing unit.
 B Explain workflow of radiology department.
 OR
- Q-1 (12)
 A Classification and categories of hospital waste.
 B Give Planning and designing consideration of ICU.
- Q-2 (11)
 A Explain workflow in CSSD.
 B Main function of OPD. Give requirement of public area in OPD.
 OR
- Q-2 (11)
 A What are functions of CSSD? Draw and explain CSSD layout.
 B Discuss different operating room facilities.
- Q-3 (12)
 A Give advantages and disadvantages of HIS.
 B Discuss operating room Facilities
 C Discuss Staffing of ICU.

SECTION-II

- Q-4 (12)
 A Explain types of Nursing Unit with their advantages and disadvantages.
 B Role of biomedical Engineer in hospital.
 OR
- Q-4 (12)
 A What is HIS? Describe evolutions of HIS system.
 B Describe guidelines and legislation given by WHO for Waste management.

- Q-5 (11)
A Explain Planned preventive maintenance
B Explain Problems related to patient in paper based HIS.
OR
- Q-5 (11)
A Explain Breakdown maintenance.
B Give difference between thick and thin client of HIS.
- Q-6 (12)
A Explain levels of medical care.
B Draw OT layout.
C What are the main responsibilities of Pharmacist?

-----END OF PAPER-----

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