

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

# **GUJARAT TECHNOLOGICAL UNIVERSITY**

**ME – SEMESTER II (NEW) – • EXAMINATION – SUMMER 2016**

**Subject Code: 2723112**

**Date: 31/05/2016**

**Subject Name: Hospital Administration & Management**

**Time: 10:30 am to 01:00 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) Define the term Hospital. Differentiate between Hospital Administration and Hospital Management. **07**  
(b) Describe in detail the Classification of hospital & its architecture. **07**
- Q.2** (a) Define Biomedical Engineering, Clinical Engineering and Hospital Engineering. Also Explain Importance of BME Department in modern Hospital. **07**  
(b) Write a technical note on Hospital Information system. **07**
- OR**
- (b) Explain the Roles and Functions of various types of Hospital. **07**
- Q.3** (a) Describe the Classification of Waste in modern hospital. **07**  
(b) Explain Deodorization process in Air Conditioning System in modern hospital. **07**
- OR**
- Q.3** (a) Describe the methods of Waste disposal in modern hospital. **07**  
(b) Explain Dehumidification process in Air Conditioning System in modern hospital. **07**
- Q.4** (a) Explain Importance of ISO 9000 Certificates in health care industry. **07**  
(b) Describe the role of Biomedical Engineer in Hospital Management. **07**
- OR**
- Q.4** (a) Explain steps for Obtaining ISO Certificates for modern Hospitals. **07**  
(b) Describe the role of Biomedical Engineer in Hospital Administration. **07**
- Q.5** (a) Explain in detail the Electric Power System in Hospital. **07**  
(b) Design the Gas Supply System for any modern hospital. Give proper justification of your design. **07**
- OR**
- Q.5** (a) Explain in detail the Safety of Electric Power System in Hospital. **07**  
(b) Design the Intensive Care Unit for any modern hospital. Give proper justification of your design. **07**

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