

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**ME- SEMESTER II- EXAMINATION – SUMMER 2015**

**Subject Code: 2723112**

**Date: 01/06/2015**

**Subject Name: Hospital Administration and Management**

**Time: 2:30 PM – 5:00 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) Describe in detail the classification and architecture of hospitals. 07  
(b) Explain the role and functions of various types of hospitals. 07

- Q.2 (a) Describe different aspects of hospital services. 07  
(b) Describe the packing system of medical waste. And also describe the waste disposable techniques. 07

**OR**

- (b) Give your views regarding electrical power systems in hospitals. 07

- Q.3 (a) Describe the effect of location and environment on working of hospital. 07  
(b) Describe the design of gas supply in modern hospital architecture. 07

**OR**

- Q.3 (a) Give the importance of Biomedical department in modern hospital. 07  
(b) Explain the Safety of electrical systems in modern hospital. 07

- Q.4 (a) Draw the hierarchy of medical and paramedical staff with neat diagram. Also mention their functions and responsibilities. 07  
(b) Describe the design of ward in modern hospital architecture. 07

**OR**

- Q.4 (a) Explain with example the "hospital information system". 07  
(b) Give overview of networking, topologies and its configuration for hospital information system. 07

- Q.5 (a) Describe the design of intensive care units in modern hospital architecture. 07  
(b) Describe the design of air conditioning in modern hospital architecture. 07

**OR**

- Q.5 (a) Describe the design of plumbing & sanitation in modern hospital architecture. 07  
(b) Describe the major points of Indian standard of medical waste disposal. 07

\*\*\*\*\*