

B.TECH. SEM -VII BIO MEDICAL 2014 COURSE (CBCS) :
SUMMER - 2018
SUBJECT: ELECTIVE-II 1) HOSPITAL MANAGEMENT

Day: **Friday**
Date: **25/05/2018**

S-2018-2537

Time: **02.30 PM TO 05.30 PM**
Max Marks. **60**

N.B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Assume suitable data if necessary.
-

Q.1 Explain in detail, 'A Siemens Hospital Information System Model'. **(10)**

OR

Define Hospital management. Explain in detail the duties and responsibilities of the Governing board. **(10)**

Q.2 What are the functions of radiology department? Describe in detail the design and location of radiology department. **(10)**

OR

- a) Explain the space requirement and facilities of the emergency service department. **(06)**
- b) Summarize the physical medicine and rehabilitation department. **(04)**

Q.3 List the functions of general nursing unit. Explain design principles of general nursing unit. **(10)**

OR

- a) Summarize the importance of Isolation room in Hospital. Explain the location and design of isolation rooms. **(06)**
- b) List the functions of Intensive Care Unit (ICU). **(04)**

Q.4 Explain in detail the location, design and facilities of Engineering Department. **(10)**

OR

Explain the functions, facilities and utilities of Biomedical Engineering Department. **(10)**

Q.5 Explain the electrical system in Hospital. Also describe the planning, design principles of electrical system. **(10)**

OR

- a) List the types of gases used for centralized gas system. **(06)**
- b) Describe Transportation system in Hospital. **(04)**

Q.6 What are the different types of alarms that the Hospital should have? Explain those alarm systems in detail. **(10)**

OR

- a) Describe the disaster preparedness plan. **(06)**
- b) Summarize the procedural security in Hospital. **(04)**

* * * * *
