

Q.22 Explain NABL in a short note.

**Section-D**

**Note: Long answer questions. Attempt any two question out of three Questions. (2x8=16)**

Q.23 Explain hospital electrical system design.

Q.24 Explain the need of standardization and quality management in hospitals.

Q.25 Explains hospital classification in detail.

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223253B

**5th Sem. / Medical Electronics**

**Subject : Medical Devices Regulations & Hospital Management**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)**

Q.1 Which of the following is core responsibility of nursing services?

- a) Develop hospital policies
- b) Conduct research independently
- c) Assess, plan implement and evaluate patient care
- d) Operate medical equipment

Q.2 What is the primary goal of a Planned Preventive Maintenance (PPM) Systems?

- a) To schedule maintenance activities of prevent equipment failures
- b) To reactively fix equipment after it breaks down
- c) To increase the number of staff in maintenance
- d) To replace equipment frequently

- Q.3 Which of the following is an example of an ambulatory service?
- Intensive Care Unit (ICU)
  - Urgent Care Center
  - Emergency Room
  - Inpatient Rehabilitation Facility
- Q.4 What is the primary function of a Hospital Information system (HIS)?
- To manage hospital finance only
  - To handle public relations and marketing
  - To serve as a backup for patient records
  - To support clinical administrative and financial functions with a hospital.
- Q.5 What is the primary function of a Central Sterilization Department (CSD)?
- To Sterilize and prepare surgical instrument and equipment
  - To provide patient care
  - To manage hospital finances
  - To conduct clinical research
- Q.6 What is the primary goal of designing an electrical system in a hospital?
- To minimize construction costs
  - To ensure reliable power supply for critical medical equipment
  - To simplify aesthetic design
  - To reduce the number of electrical outlets

### Section-B

**Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)**

- Q.7 Write the full form of OPD.
- Q.8 Expand TQM.
- Q.9 Expand NABL.
- Q.10 Define ambulatory service.
- Q.11 Write the definition of ICU.
- Q.12 Write the full form of MCI.

### Section-C

**Note: Short answer type Question. Attempt any eight questions out of Ten Questions. (8x4=32)**

- Q.13 Explain MCI in short note.
- Q.14 Write a short note on medical ethics.
- Q.15 Explain planned preventive maintenance system.
- Q.16 Write a short note on computer-based information system in hospitals.
- Q.17 Write a short note on HVAC.
- Q.18 Write a short note on general health care waste.
- Q.19 Explain the role of central sterilization department.
- Q.20 Write a short note on the calibration of medical equipment.
- Q.21 Write a short note on the emergency department.