

- Q.21 Write a short note on the common problem in OPD services.
- Q.22 Explain calibration of medical equipment in a short note.

SECTION-D

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

- Q.23 Explain in detail Total Quality Management (TQM) in healthcare organizations.
- Q.24 Discuss classification of hospitals and factors influencing hospital utilization.
- Q.25 Write a detailed note on planned preventive maintenance of hospital equipment.

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 The main purpose of hospital accreditation is:
- a) To increase patient waiting time
 - b) To improve safety and quality
 - c) To reduce number of doctors
 - d) To increase hospital bills
- Q.2 Which of the following is an independent patient safety organization?
- a) NABH
 - b) JCI
 - c) PCI
 - d) WHO
- Q.3 The department dealing with patient emergencies is:
- a) Nursing services
 - b) Emergency department
 - c) OPD registration
 - d) Central store

Q.4 Yellow bag in biomedical waste management is used for:

- a) Plastic bottles
- b) Human anatomical waste
- c) Syringes
- d) Glassware

Q.5 Which one is an Indian regulatory body?

- a) FDA
- b) PCI
- c) ISO
- d) JCI

Q.6 Hospital Information Systems are mainly used for:

- a) Patient records and management
- b) Biomedical waste collection
- c) Fire alarm monitoring
- d) Procurement of furniture

SECTION-B

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

Q.7 Write two benefits of quality assurance in hospitals.

Q.8 List any two functions of the Outpatient Department (OPD).

Q.9 Mention two labour laws applicable to hospitals.

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Q.10 Write two differences between ionizing and non-ionizing radiation.

Q.11 State two steps in biomedical equipment audit.

Q.12 Mention any two protective devices used in waste management.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write a short note on Quality Auditing and its importance.

Q.14 Explain the role of MCI and PCI in healthcare regulation.

Q.15 Write short note on:

- a) Layout of ICU
- b) Functions of ICU

Q.16 Discuss computerized inter-departmental medical record evaluation.

Q.17 Write a note on hospital fire safety rules and alarm systems.

Q.18 Describe methods of segregation and disposal of biomedical waste.

Q.19 Write a note on infection control.

Q.20 Explain nursing services in a short note.

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