

DEPARTMENT OF BIOMEDICAL ENGINEERING

QUESTION BANK

COURSE: B.E Biomedical Engineering

SEMESTER: III

HOSPITAL MANAGEMENT

UNIT-I

PART-A

1. How would you contribute to health education?
2. Highlight a few salient features of a health insurance.
3. Write about the implications of health insurance on the society.
4. Technically organize a health system for a country?
5. What is health?
6. What is Health Financing Strategies?
7. What does centrally sponsored schemes in National Health Programs?
8. What is health financing system?
9. Basically classify a health system in a metro city.
10. Why is it necessary to devise health insurance schemes?
11. Distinguish between city and regional health planning.
12. What are the draw backs of health organization of a country?
13. What are the draw backs of health organization of a state?
14. What is the role of finance in tackling communicable disease out break in a region?
15. How the Financing of National Programmes is done?
16. What is health policy?
17. Define health legislation.
18. What is healthcare system?
19. What is health insurance?
20. Write short on federal health policy?
21. What is health law?
22. Mention the need for health care insurance policies.
23. What is health financing system?
24. Write about HIPAA
25. Name four insurance policies in USA.

PART-B

1. How would you basically design a hospital care system for a typical metro city incorporating the recent advances? Explain Briefly.
2. Distinguish the roles of the central and state governments in formulating a health Policy.
3. Describe the principles and importance of Health Financing System.
4. What is a Health policy? Discuss organization of a health system in a region.
5. Discuss the role of National Medical and Health Education Policy.
6. Describe the priority atleast for improved health care with examples.
7. Explain briefly about critically organize the health care system for a diverse country like India.
8. Explain in detail about the Organization of technical section with block diagram.
9. Highlight the various steps involved in Health organization of the country.
10. Discuss in detail about the Health organization of the cities and the region.

UNIT-II

PART-A

1. How can good management practices be ensured in hospitals?
2. Mention a few parameters that have to be considered while designing a hospital.
3. What is the need for legal matters in hospitals?
4. State the benefits of health legislation.
5. How should human relations be managed in hospitals?
6. Mention a few legal aspects involved in hospital management.
7. How quality management practices are be ensured in hospitals?
8. Mention a few parameters that have to be considered while designing a hospital.
9. Write a short note on health team approach.
10. Define the role of nursing sector in a hospital.
11. Mention a few central services being offered in a peripheral hospital.
12. What should be the basic objective of a hospital?
13. Highlight the significance of team work.
14. Draw the basic management of a hospital organization.
15. Underline the need for a technical department in hospitals?
16. Classify of management in hospital organizations.
17. Mention the functions of the central services and technical departments.
18. Define management.
19. Give the various steps involved in of Employee Appraisal method in management of a hospital organization.
20. Mention some practice of management by objective.
21. Write short note on the legal aspects in hospital management.
22. What are the principles of risk management in hospitals?
23. Write short note on medical sector.
24. Give some uses of technical department.
25. What is the importance of team work?

PART-B

1. Describe the classification of management in hospital organizations.
2. Compare the functioning of the central services and technical departments.
3. Discuss in detail the definition and practice of management by objective.
4. Highlight the various steps involved in of Employee Appraisal method in management of a hospital organization.
5. Write in detail about the legal aspects in hospital management.
6. Discuss the principles of risk management in hospitals.
7. Explain briefly about critically evaluate the role of teamwork in a hospital organization.
8. Explain the task of nurses in coordinating with the medical, central and technical services in ensuring patient care.
9. Explain the definition and practice of management by objective.
10. Discuss the importance of team work.

UNIT-III

PART-A

1. Name a few organizations that lay down standards for hospital equipments.
2. What is recalibration?
3. How to ensure the safety of air conditioners in hospitals?
4. What agencies monitor safety of gas cylinders in hospitals?
5. What is the role of international agencies involved with radiation safety?
6. What are standards?
7. Write about FDA?
8. Justify the need of health care codes.
9. What is Accreditation?
10. Give the advantages of Health Education.
11. Define JCAHO.
12. What is NFPA standard?
13. Mention the expansion of FDA.
14. Mention few portfolio's which FDA does not regulate.
15. Mention the expansion of ICRP.
16. Define FDA.
17. Define FDA's Mission Statement.
18. Write short note on the code and ethics of health care system.
19. Define the role of IRPC.
20. Name some of the Standard Organizations in Health Care.
21. Define FDA regulation.
22. Mention the function of JCAH.
23. What is evolving health care system?
24. What is innovation and development?
25. Mention the expansion of JCAH.

PART-B

1. Discuss the need and role for international standards for standardization of hospital Equipments.
2. Highlight the features and responsibilities of an agency which lays down codes and standards for health care.
3. Discuss the programs and standards of Joint Commission on Accreditation of Healthcare Organizations.
4. Explain in detail FDA regulations and its implications on health management.
5. Describe the role of health care codes and regulatory requirements required to assure quality health services by hospitals.
6. What is Accreditation? Discuss the role of Joint Commission of Accreditation.
7. Describe the role of National Fire Protection Association Standard.
8. Write a briefly about on FDA
9. (i) Write short notes on The International Commission on Radiological Protection (ICRP)
(ii) Write short notes on the Committees of ICRP.
10. Write about the code and ethics of health care system.

UNIT-IV

PART-A

1. List a few constraints faced with medical equipments.
2. Mention a few disadvantages of not fixing a proper salary to a technical staff in a hospital.
3. How are the levels of training arrived at for a hospital technician?
4. List a few basic maintenance management principles.
5. Mention a few advantages of preventive maintenance.
6. What is preventive maintenance?
7. List out the advantages of Hospital Management.
8. Mention the matters of primary importance in developing the wage and salary structure for a hospital.
9. State the principles of TQM.
10. What is budget forecasting?
11. How are maintenance jobs planned on a day to day basis?
12. Highlight the advantages of contract maintenance.
13. List out any seven vital maintenance departments in hospitals.
14. What are the drawbacks of paper work?
15. How can paper works be controlled?
16. Write short notes on standards.
17. Write short notes on preventive maintenance.
18. How is the maintenance of standards ensured?
19. How is the safety regulation to be incorporated in the hospital center?
20. Mention need for maintenance of standards.
21. Classify the hospital equipments.
22. Write short notes on budgeting.
23. Draw the flow chart for organizing maintenance operations.
24. How is preventive maintenance planned, forecasted and budgeted to ensure smooth functioning of a hospital?
25. Write short notes on forecasting.

PART-B

1. Explain the basis for classification of hospital medical equipment into different categories. How is the maintenance of standards ensured?
2. Discuss the safety regulation to be incorporated in the hospital center.
3. Explain about employee appraisal method for a technical staff in a hospital.
4. Explain the need for maintenance of standards for biomedical equipments and control of paper work.
5. Describe the classification of hospital equipments and their maintenance planning procedures.
6. Design and explain the flow chart for organizing maintenance operations.
7. Discuss how preventive maintenance is planned, forecasted and budgeted to ensure smooth functioning of a hospital.
8. Write in detail about the contract maintenance.
9. Explain in detail about the maintenance work measurements.
10. Write short notes on
 - i) standards
 - ii) preventive maintenance

UNIT-5

PART – A

1. What is the need for clinical engineering?
2. Give the benefits of networking in a hospital.
3. What is the responsibility of a Biomedical Engineer with respect to EMI/EMC?
4. What does Organizational Structure in hospitals?
5. How the Grouping of Hospital Departments within the Structure?
6. What is Diagnostic Services in hospital?
7. Mention the technical services in hospital.
8. How equipment inventory classified?
9. Define the goal of hospital.
10. What is technology management program?
11. What is a technical service in hospitals?
12. What is equipment program education?
13. Write the criteria about clinical engineer qualification.
14. What is BMET? What is his education?
15. What is Common Categorical Grouping?
16. What is clinical engineering?
17. What is the role of a clinical engineer?
18. What is preventive maintenance?
19. What is the need for a clinical engineer in a hospital setup?
20. What are the required technical skills for a clinical engineer?
21. What is meant by technical performance?
22. What are the eligibility criteria to be a clinical engineer?
23. What is hospital administration?
24. Write four salient points in the history of clinical engineering profession.
25. Why clinical engineering as a profession is significant?

PART-B

1. Illustrate the role of a clinical engineer in a Hospital.
2. Give the educational qualifications, duties and responsibilities of a clinical engineer in a multi specialty hospital environment.
3. Detail out all the parameters that have to be considered while designing a Hospital.
- 4 Explain in detail about the structure of Hospital.
5. Explain about
 - i) Manpower marketing
 - ii) Professional registration in detail
6. Discuss in detail about Continuing Education for the Clinical Engineer.
7. Discuss in detail about Continuing Education for the Bio Medical Engineering Technician.
8. Explain clinical engineering as a significant position in hospitals.
9. Elaborate the skills, management knowledge required for a clinical engineer.
10. Write the general architect of a hospital administration.