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Question Paper Code: RB302

B.E./B.Tech. DEGREE EXAMINATION, NOV 2025

Professional Elective

R21BMV302- HOSPITAL PLANNING AND MANAGEMENT

Biomedical Engineering

(Regulations R2021)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. How can hospitals effectively manage their finances to maintain financial stability and sustainability? CO1- U
2. Discuss the role of Biomedical Engineers in Hospital. CO1- U
3. Mention the process of selection and recruitment in hospital CO2-U
4. State the principle of HRM. CO2-U
5. Discuss the Internal Records in marketing information system. CO1- U
6. Explain the Marketing Decision Support System. CO1- U
7. Mention the Effective Administrative Information Systems, considering scalability and flexibility? CO1- U
8. Discuss the Support Service Technical Information Systems to enhance customer support and service delivery? CO1- U
9. State few Features of ISO 9001 CO5- U
10. Abbreviate the term JCAHO and JCIA CO5- U

PART – B (5 x 16= 80 Marks)

11. (a) Explain in detail about functional and equipment planning in hospital. CO1 U (16)
- Or
- (b) Describe in detail about the about Current issues in Hospital Management CO1 U (16)

12. (a) Explain in detail about function of Human Resource Management. CO2- U (16)
Discuss the tools of HRD
Or
(b) Enumerate the strategies for promotion and continuous education in CO2- U (16)
hospital.
13. (a) Describe the role of dashboards and reports in presenting marketing CO1- U (16)
information to different stakeholders.
Or
(b) Explain the steps involved in developing information for marketing CO1- U (16)
decision-making. How does data processing contribute to this
process?
14. (a) Enumerate in detail about Management Decisions and Related CO1- U (16)
Information Requirement.
Or
(b) Discuss the importance of administrative processes within an CO1- U (16)
organization.
15. (a) Conduct a medical audit of a specific department (e.g., the CO3-App (16)
radiology department) to assess the quality of patient care and
identify any areas for improvement. What steps would you take to
implement the audit's findings and monitor ongoing improvements?
Or
(b) Perform a hazard assessment of the hospital's surgical suite. CO3-App (16)
Identify potential hazards related to surgical procedures,
equipment, and staff practices. How would you prioritize and
address these hazards to ensure the safety of surgical patients?