Rajiv Gandhi University of Health Sciences, Karnataka

III Semester Bachelors in Hospital Administration Degree Examination - 21-May-2026

Time: Three Hours **Max. Marks: 80**

RESEARCH METHODOLOGY AND OPERATION RESEARCH - (RS)

Q.P. CODE: 3238

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. What is quantitative research? Explain different methods of quantitative research
2. Define Network Analysis. Explain The Program Evaluation Review Technique (PERT) And The Critical Path Method (CPM) In Operational Management
3. What is probability? If we toss a fair coin three times what is the probability of getting two or more heads?

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Briefly discuss inferential statistics
   Or
   Briefly discuss 4 operation research techniques
5. Deliberate properties of probability
6. Discuss sequential sampling and its pro and cons
7. Describe various technique involved in defining research problem
8. Discuss technique of interpretation and its advantages and limitations
9. Observational data collection method and its advantages and limitations
10. **Explain graphical solution of Linear programming problem**
11. Discuss the application of decision theory in statistics and operational research
12. Discuss quantitative techniques data collection interview, observation in tabulation
13. Write a note on "Queuing theory"

SHORT ANSWERS (Answer any ten) **10 x 2 = 20 Marks**

14. **Baye's theorem**
15. Mean and median
16. Review of literature
17. Purposive sampling
18. Degrees of freedom
    Or
    Population and sample
19. Fundamental research
20. Objectives of research
21. Application of 't' test
    Or
    Systematic sampling
22. Focus group interview
23. Primary and secondary data
24. Concept of hypothesis in research
25. Interview for qualitative data collection

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III Semester Bachelors in Hospital Administration Degree Examination - 29-May-2026

Time: Three Hours **Max. Marks: 80**

HOSPITAL MEDICAL RECORD MANAGEMENT - (RS)
Q.P. CODE: 3239

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. What is International classification of disease? Explain its roles and significance
2. What is Medical forms? List the different types forms and reports maintained in the hospital
3. Explain the advantages of designing registers and different types of medical registers

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

4. Write note on medical audit
5. Explain the basis for classification of records
6. Importance of medical records for doctors and patients
7. Explain the importance of filling or records
8. Nursing audit
9. Registers maintained in intensive care unit
10. Which are the records maintained in investigation and diagnostic department?
11. Write a note on storage and retrieval of medical records
12. Which are the various methods of filling system?
13. What are the functions of medical records?

SHORT ANSWERS (Answer any ten) **10 x 2 = 20 Marks**

14. Average length of stay
15 Informed consent
16. What is indexing?
17. Statutory registers
18. Hospital records in emergency department
19. What is coding?
20. Discharge summary
21. Electronic Health Record
22. Bed occupancy rate
23. Explicit consent
24. Retention period of old x-rays relevant to outpatient
25. Hospital statistics

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