Rajiv Gandhi University of Health Sciences, Karnataka

IV semester Bachelors in Hospital Administration Degree Examination – 02-Jan-2023

Time: Three Hours | Max. Marks: 80 Marks

Management Information System

Q.P. CODE: 1316

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. Define system approach. Explain System approach of MIS in planning, organizing and controlling.
2. Define MIS. Explain the objectives & characteristics of MIS.
3. What is data dictionary? Explain how it helps to database user.

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

4. Difference between primary memory and secondary memory.
5. Components of computer systems.
6. Write a note on Pharmacy management system as a part of HIS.
7. Uses of MIS for diagnostics in healthcare.
8. Process of decision making.
9. DBMS.
10. Transaction processing.
11. Data warehousing.
12. System analysis.
13. Components of decision support system.

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

14. Data warehousing.
15. I.P. Address.
16. Unstructured decisions.
17. Cost benefit analysis.
18. Purpose of DSS in MIS.
19. Application software.
20. Local area network.
21. Report processing.
22. Knowledge management.
23. Object oriented programming.
24. System analysis for existing system.
25. Value of information.

Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination - 02-Jan-2023

Time: Three Hours Max. Marks: 80

COST ACCOUNTING IN HEALTHCARE - (RS)

Q.P. CODE: 3244

(QP contains two pages)

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. From the following particulars prepare cost sheet for the year ended 31/03/2022.
   Opening Stock: Raw materials - 40,350, Work in progress -15,000 and Finished stock - 35,590
   Cost incurred during the period: Material purchases- 2,50,000, Wages paid - 2,00,000, Carriage inwards - 2,000, consumable stores – 10,000, wages of storekeeper – 7,000, depreciation of plant and machinery - 10,000, Materials destroyed by fire - 5,000, repairs and renewals – 5010, office managers salary – 10,000, salary to office staff -20,500, printing and stationery – 10,000, power – 10,500, lighting for office building -2,000, carriage outward – 3,000, freight – 5,000, entertainment – 2,500, warehouses charges – 1,500, legal charges -2,000, expenses for participating in Industrial exhibition – 6,000
   Closing stock: Raw materials – 35,000, work in progress-14,500 and finished stock – 40,030, profit 25% on cost

2. A company has three production and two service departments. The distribution summary of overhead is as follows:

   Production departments:

A	13600
B	14700
C	12700

   Service departments:

X	9000
Y	3000

   The expenses of service departments are charged on a percentage basis which is as follows:

	A	B	C	X	Y
X	40%	30%	20%	-	10%
Y	30%	30%	20%	20%	-

   Apportion the cost of service departments using simultaneous equation method

3. Give the meaning of remuneration. Discuss the methods of remuneration

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

4. Calculate the earnings of a worker under (a) Halsey premium plan and (b) Rowan premium plan
   Rate per hour – Rs.1.50 per hour
   Time allowed for job – 20 hours
   Time taken – 15 hours

5. Explain time rate and piece rate system

6. What is the need for reconciliation? Explain the reasons for difference in profit or loss shown in cost accounts and final accounts

7. Explain the elements of cost

8. Explain briefly absorption of overheads

9. From the following particulars prepare a stores ledger account under LIFO method – March 2020
   02 – Purchases 200 units @ 200
   04 – Issued 150 units
   06 – Purchases 200 units @ 220
   10 – Issued 100 units
   16 – Purchases 200 units @ 210
   18 – Issued 220 units
   24 – Purchases 150 units @ 230
   25 – Issued 190 units
   28 – Issued 30 units

10. What is inventory control? Explain the techniques of inventory control
11. Enumerate the techniques of costing
12. Explain briefly the components of cost sheet
13. From the following particulars, calculate the EOQ
    Annual requirements – 1600 units
    Cost of materials per units – Rs.40
    Cost of placing and receiving order – Rs.50
    Annual carrying cost for inventory value – 10%

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

14. What is labour?
15 What id quotation?
16. What is marginal costing?
17. What is machine hour rate?
18. What is cost plus costing?
19. What is employee welfare cost?
20. What do you mean by EOQ?
21. What is cost sheet?
22. What is overtime premium?
23. What is normal and abnormal cost?
24. What is VED analysis?
25. What is fringe benefits?

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Rajiv Gandhi University of Health Sciences, Karnataka

VI Semester Bachelors in Hospital Administration Degree Examination - 04-Jan-2023

Time: Three Hours | Max. Marks: 80 Marks

HOSPITAL ADMINISTRATION
MATERIAL PLANNING AND MANAGEMENT - (RS)
Q.P. CODE: 3249

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 contract administration? Plan contract administration for dispensary services for a 500-bed multi speciality hospital
2. What is quality control? Explain briefly the principles and methods of quality control
3. What is stores management? Explain different types of storage and preservation of materials equipments in inventory control

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

4. Explain the essential conditions of valid contract
5. Discuss the various procurement considerations in the import of medical equipments
6. Letter of credit
7. Briefly explain the process of purchase order
8. Write a note on material planning
9. Explain different techniques used to control the inventory
10. Explain the documents used for stores recording
11. Sale of goods act
12. Explain the objectives and importance of material management
13. Management of Morgues

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

14. What is contract administration?
15 What is quality assurance?
16. What is value analysis?
17. Management of donated organs
18. What is dispensaries?
19. Principles of purchasing
20. Stock verification
21. What is distribution management?
22. What are the auxiliary services?
23. Plan a contract model for dietary services
24. Functions and roles of store manager
25. Duties and responsibilities of store keeper

Rajiv Gandhi University of Health Sciences, Karnataka

VI Semester Bachelors in Hospital Administration Degree Examination – 12-Jan-2023

Time: Three Hours | Max. Marks: 80 Marks

HOSPITAL RELATED LAW
Q.P. CODE: 1324

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. Explain in detail about the medical negligence act.
2. Explain prenatal diagnostic act 1994.
3. Define gratuity. Explain payment of gratuity Act 1972.

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

4. Law of tort.
5. Write a note on poison Act.
6. Describe provident fund act 1952.
7. Method of recording dying declaration.
8. When compensation is not applicable for employees, as per workmen compensation act 1923?
9. Write a note on Industrial Dispute Act.
10. Importance of maternity benefit Act.
11. Pharmacy Act 1948.
12. Ethical guidelines for biomedical research.
13. Write a note on Mental Health Act.

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

14. Define wages.
15. Important of employees provident act.
16. What is compensation?
17. What is Magic Remedies?
18. Objectives of MTP Act.
19. What is free consent?
20. Patient consent.
21. What is offer and acceptance according to cataract act?
22. Importance of trade union act.
23. Define service.
24. Objective of Industrial Employment Act.
25. What are spurious drugs?

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Rajiv Gandhi University of Health Sciences, Karnataka

VI Semester Bachelors in Public Health Degree Examination – 12-Jan-2023

Time: Three Hours **Max. Marks: 100**

PUBLIC HEALTH NUTRITION (RS-1)

QP Code: 3224

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

LONG ESSAYS 3 X 10 = 30 Marks

1. Classify the food groups. Write a note on balanced diet.
2. Discuss Vitamin A under
   a) Function
   b) Deficiency
   c) Treatment
   d) Health programs
3. Write in detail on nutritional assessment

SHORT ESSAY (Answer Any Ten) 10 X 5 = 50 Marks

4. Write in brief about functions of food.
5. What are the uses and limitations of RDA?
6. Classify amino acids and write a note on their importance
7. Explain the importance of water in our body
8. What are nutrients required for a healthy pregnancy?
9. Explain the functions of fats
10. Write a note on IDD
11. How important are carbohydrates for our body?
12. A moderate 29 year old working man is 172 cms and weighs 71 kgs. Calculate his BMI and classify him accordingly.
13. Write the functions of zinc and calcium in our body.
14. Classify the types of fiber

OBJECTIVE TYPE, SHORT ANSWERS, FILL IN THE BLANKS ETC., 10 X 2 = 20 Marks

15. Expand NIN, CFTRI
16. Define public health nutrition
17. Write the macro nutrients
18. Write the sources of Vitamin C.
19. Organ meats : _____::Green leafy vegetables:_____
20. Write the protein present in egg white.
21. What is the deficiency of Riboflavin and folic acid called?
22. List 4 source of healthy fats.
23. Write the name of any two health programs for women
24. Define nutrients.

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Rajiv Gandhi University of Health Sciences, Karnataka

VI Semester Bachelors in Hospital Administration Degree Examination - 12-Jan-2023

Time: Three Hours | Max. Marks: 80 Marks

HOSPITAL RELATED LAW - (RS)

Q.P. CODE: 3252

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. Define drug and cosmetics. Describe the salient features of drugs and cosmetic act
2. Discuss the term donor and recipient. Explain the silent features of organ transplantation act
3. Discuss the term employee. Briefly explain the relevance of Employees Provident Fund Act

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

4. Write a note on 'Ethics in Healthcare'
5. Benefit of consumer as per Consumer Protection Act
6. Write a note on Medical Negligence Act
7. What are benefits of Trade Union Act for an employee?
8. Briefly describe the steps involved in registering dying declaration
9. Significance of birth and death registration Act
10. Write a short note on payment of gratuity Act
11. How can you prevent industrial disputes?
12. Write a note on Medical Termination of Pregnancy Act, 1971
13. What is the necessary requirement for valid contract?

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

14. What is magic remedy?
15 Define Layoff
16. Who is consumer according to Consumer Protection Act?
17. What is disability?
18. What is voidable contract?
19. Define compensation
20. Write a note on State Consumer Court
21. When can prenatal diagnostic test can be done?
22. What is free consent?
23. Define Tort
24. What is the purpose on Maternity Benefit Act 1961?
25. Define strike

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Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination - 17-May-2023

Time: Three Hours | Max. Marks: 80 Marks

HOSPITAL ADMINISTRATION
HOSPITAL OPERATIONS MANAGEMENT – II
NON CLINICAL SERVICES - (RS)
Q.P. CODE: 3241

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. Define Medical records. Explain the processing of medical records. Write a note on the purpose and scope of medical records
2. Describe the functions and physical facilities in a laboratory. Write a short note on NABL
3. Write a note on maintenance department, types of maintenance and manifold

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

4. Policies and procedures in dietary department
5. Space requirements and facilities required for radiology
6. Functions of stores department
7. Explain sterilization in CSSD
8. Mention and explain types of ambulances
9. Responsibilities of nursing superintendent
10. Scope of physiotherapy department in hospital
11. Outsourcing of housekeeping services
12. Benefits of HIS
13. Explain functions of linen and laundry services

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

14. Equipment used in Nuclear Medicine Department
15 Purpose of Signage
16. Commissioning of hospital
17. Role of public relations officer
18. Nurse call system
19. Biomedical waste incinerator
20. Criteria for blood donation
21. Scrap and surplus
22. Average length of stay
23. Diagnostic tests in radiology
24. Role of hospital administrator
25. Hospital formulary

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Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination – 19-May-2023

Time: Three Hours Max. Marks: 80 Marks

HOSPITAL ADMINISTRATION
MANAGEMENT INFORMATION SYSTEM - (RS)
Q.P. CODE: 3242

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. Discuss in detail the implementation and evaluation of MIS
2. Describe the components of IS
3. What is information? Explain briefly classification and level of information

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

4. What are the various types of decision?
5. What is the business process Re-engineering?
6. What are the various types of database models?
7. Describe topology
8. MIS in human resource management
9. DSS and GDSS
10. Development of MIS
11. Decision making process
12. Data Mining
13. Explain objectives and functions of MIS with respect to hospital set up

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

14. Transaction processing system
15 Cost benefit analysis
16. Objective of HIS
17. Define information
18. What is RDBMS?
19. Oracle system
20. What is Internet?
21. Application software
22. What is KMS?
23. What is AI?
24. What is WAN?
25. Magnetic tapes

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Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination - 24-May-2023

Time: Three Hours | Max. Marks: 80 Marks

STRATEGIC MANAGEMENT - (RS)
Q.P. CODE: 3243

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. Explain McKinsey 7's Model
2. Explain strategic implementation process
3. Explain different evaluation techniques for operational control

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

4. What is stability strategy? When it is adopted?
5. Explain the purposes and objectives of business policy
6. Explain SWOT analysis
7. Discuss role of leadership in development of strategies
8. Explain strategic planning process
9. Mention different levels of strategy. Explain various functional strategies of organization
10. What is a corporate policy? Explain its uses
11. Write a note on social audit
12. What is social responsibility? Explain briefly company and its social responsibility
13. Explain need and reasons for failure of strategic management

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

14. What is environmental scanning?
15 What is expansion and merger strategy?
16. What is SBU and KRA?
17. What is strategic implementation and strategic formulation?
18. What is organizational strength and weakness?
19. Differentiate between strategy formulation and strategy implementation
20. What is restructure strategy?
21. What is cost leadership?
22. What is strategic decision making?
23. What is project implementation?
24. Differentiate between corporate policy and corporate procedure
25. Mention any four classification of business policy

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Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination - 26-May-2023

Time: Three Hours | Max. Marks: 80 Marks

COST ACCOUNTING IN HEALTHCARE - (RS)

Q.P. CODE: 3244

(QP contains two pages)

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. From the following particulars prepare cost sheet

Productive wages	Rs.50,000
Raw materials	Rs.35,000
Administrative expenses	Rs.10,000
Direct expenses	Rs.7,500
Light and water	Rs.2,500
Depreciation	Rs.1,500
Factory rent	Rs.2,000
Indirect labour	Rs.25,000
Factory repairs	Rs.2,500
Selling and distribution OH	Rs.4,000
Sales	Rs.1,50,000

2. Pharma company manufactures a special product and following particulars are collected. Maximum usage in a month 600 units, minimum usage is 300 units, average usage is 350 units, re-order period is 2 to 6 month and re-order quantity is 1000 units. Maximum re-order period for emergency purpose is 1 month. Calculate:
   a) Re-order level
   b) Maximum level
   c) Minimum level
   d) Average stock level
   e) Danger level

3. A factory has three production and two service departments the overhead departmental distribution summary shows the following:
   Departments amount in Rs.

A	B	C	P	Q
6,50,000	6,00,000	5,00,000	1,20,000	1,00,000

The service department expenses are allotted on a percentage basis as follows:
Production department service department

	A	B	C	P	Q
P	30	40	15	-	15
Q	40	30	25	5	-

Show how the two service departments are to be charged to production department under repeated distribution and simultaneous equation methods?

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

4. Calculate the earnings of a worker under (1) Halsey premium plan (b) Rowan premium plan
   Time allowed or standard time = 56 hours
   Time taken = 48 hours
   Rate per hour = Rs.2
5. Define EOQ. How can it be computed? What are the limitations of the EOQ model?
6. What is labour remuneration? Explain the methods of remuneration
7. What is cost control? Briefly explain techniques of cost control
8. Explain the elements of cost
9. Explain briefly absorption of overheads
10. Prepare a stores ledger on FIFO method from the following information
    1st Jan, 2020 opening balance 1500 units at Rs.5
    5th Jan, 2020 received 400 units at Rs.10
    9th Jan, 2020 received 300 units at Rs.3
    10th Jan, 2020 issued 500 units
    11th Jan, 2020 received 1000 units at Rs.5
    16th Jan, 2020, issued 1800 units

11. Explain different methods of inventory control
12. Enumerate the techniques of costing
13. Explain different incentive plans briefly

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

14. What do you mean by fringe benefits?
15 What is labor turnover?
16. What is time keeping?
17. What is factory cost?
18. What is FIFO and LIFO?
19. What is the need for reconciliation?
20. Cost center
21. What is standard costing?
22. What is minimum level and maximum level?
23. What is labour?
24. What is CVP analysis?
25. What are the merits of cost accounting?

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Rajiv Gandhi University of Health Sciences, Karnataka

IV Semester Bachelors in Hospital Administration Degree Examination - 24-Nov-2023

Time: Three Hours | Max. Marks: 80 Marks

HOSPITAL ADMINISTRATION
MANAGEMENT INFORMATION SYSTEM - (RS)
Q.P. CODE: 3242

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. Define Information. How is information classified? What are the various levels of information? Enumerate the methods of data and information collection
2. Define Decision Support System. Explain the features of DSS and role of DSS in MIS
3. Explain in detail the implementation and evaluation of MIS

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

4. Types of decisions
5. Enterprise resource planning
6. Network Topology and its types
7. Tools and techniques of system analysis
8. Role of MIS in Human resources
9. Functions and benefits of ECRM
10. Factors responsible for the development of MIS
11. Explain in detail GDSS
12. Explain Data Base management System
13. Role of MIS in Surveillance of Health Care

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

14. Data Communication
15 Microcomputer
16. Objectives of HIS
17. Name any four secondary storage devices
18. Data mining
19. Cost benefit analysis
20. WAN
21. Explain the values of information
22. Explain Oracle
23. Executive Information System
24. CD-ROM
25. Data Processing