Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 14-Dec-2020

Time: 3 Hours | Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Hospital Organization and Management Theory (RS4)

Q.P. CODE: 8711

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

Answer All The Questions | 10 X 10 = 100 Marks

1. Enumerate the various principles of management. Discuss the managerial skills and roles in an organization.
2. Principles and barriers of communication in healthcare management.
3. Management by objectives.
4. Abraham Maslow's need hierarchy theory.
5. Conflict in an organization.
6. Write a note on steps in planning. Explain controlling steps.
7. Management in 21st century.
8. What is selection? Discuss the process in selection.
9. Enumerate theories of Leadership. Discuss any one in detail.
10. Types of performance appraisal. Define group cohesiveness and Grapevine communication.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 16-Dec-2020

Time: 3 Hours | Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Management of Hospital Services and Patient Care Management

Q.P. CODE: 8712

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

Answer All The Questions | 10 X 10 = 100 Marks

1. “Nursing services is the backbone of the hospital” – justify the statement.
2. Explain about various support services in the hospital.
3. Write a note on the composition and the role of drugs and therapeutic committee of the hospital.
4. Explain the objectives of the linen and laundry services and also add a note on the process flow of washing the linen.
5. Role of ambulance services in health care
6. Describe the role of the dietician and the dietary department in the hospital.
7. What are the recent trends in housekeeping services of the hospital?
8. Write a note on alternate arrangements of electricity, water supply and telephone lines in order to have a sunless functioning.
9. Which are the types of the engineering services required by the hospital and what are the functions of this department?
10. Explain briefly about ICD classification. Add a note on medical records department.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination -

Time: 3 Hours Max. Marks: 100

HOSPITAL ADMINISTRATION

Research Methodology and Operations Research – (RS-4)

Q.P. CODE: 8713

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

Answer All The Questions 10 X 10 = 100 Marks

1. What are different types of decision making? Explain the factors influencing decision making.
2. What is a hypothesis in research? Explain the process of formulation of hypothesis with examples.
3. Hospital X has a Laboratory which operates all the 24 hours a day. The flow of patients to the laboratory is at the rate of 4 patients per hour. Laboratory can service 5 patients per hour. The hospital has to spend on various aspects of looking after the patient during the waiting time at the rate of Rs. 10 per waiting patient. What would be the cost of the hospital on the hospitality charges per day? What would be the savings if the number of patients serviced is increased to 6 per hour?
4. Explain the steps in planning of Research studies.
5. Describe the layout of a Research report.
6. Explain the various steps of scientific method.
7. Describe completely randomized and randomized block designs with examples.
8. Write the difference between CPM and PERT. How do you estimate the time for an activity in PERT?
9. What do you mean by Linear programming technique? Describe the Objective function and Constraint inequalities in this method.
10. Write a note on application of operations research in hospital administration.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 21-Dec-2020

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

Accounting in Health Care

Q.P. CODE: 8714

(QP contains two pages)

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

Answer All The Questions 10 X 10 = 100 Marks

1. Write a note on funds flow statement.
2. Write a note on different methods of deprecation generally followed in a firm.
3. Write a detail note on break even analysis concept.
4. Pricing is an important sources of funds for a hospital explain this with relevant examples
5. Standard costing is a tool for excellence – discuss this statement with concept of standard costing
6. Explain the accounting convention.
7. What is Marginal costing? Write a note on historical cost and material cost.
8. What is fixed and flexible budget? Explain the concept with relevant examples.
9. Explain human resource accounting.
10. What is Economic Order Quantity? Write a note on Sales Budget.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 23-Dec-2020

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

Epidemiology and Public Health Administration - (RS-4)

Q.P. CODE: 8715

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

Answer All The Questions 10 X 10 = 100 Marks

1. Define Demography. What is demographic cycle? Briefly explain demographic trend in India. Discuss the health implications due to increased population.
2. Discuss Salient features of Mental Health Programme in India.
3. Discuss National population policy in India.
4. Explain Elements and principles in Primary Health care.
5. Discuss role of non-governmental health organization in India.
6. Classify the types of epidemiological studies. Briefly explain the descriptive studies in epidemiology.
7. Enumerate Modes of intervention.
8. Discuss principles and methods of health education.
9. Describe the functions of ASHA worker. Describe functions of sub center.
10. Explain Levels of prevention with example.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 14-Dec-2020

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

FUNDAMENTALS OF MANAGEMENT AND ORGANIZATION BEHAVIOR (RS5)

Q.P. CODE: 8730

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

Answer All The Questions 10 X 10 = 100 Marks

1. "Planning is the most basic function of management" discuss. Write a note on functions of management.
2. Explain the process and importance of communication in an Organization. What are the barriers affecting communication.
3. Enumerate the role of hospital administrator in understanding, Importance and process of decision making in a hospital.
4. Discuss the concept and process of control in detail.
5. What is project report and how to develop a project report?
6. Write about contribution of Henry Fayol and his principles of management.
7. Define motivation. Which two theories of motivation you would adopt and explain those theories of motivation.
8. Write a note on evolution of management and various approaches in management.
9. What is Group cohesiveness and enumerate the importance of Group cohesiveness.
10. Write a note on ‘’Operational Management’’ in a functional unit in an organization. Define delegation of authority and responsibility.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 16-Dec-2020

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

Epidemiology and Public Health Administration – (RS-4)

Paper-II - (RS-5)

Q.P. CODE: 8731

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

Answer All The Questions 10 X 10 = 100 Marks

1. Explain Natural History of Diseases.
2. Explain the methods of purification of water.
3. Define Endemic, Epidemic and Pandemic. Write a note on steps to Prevent COVID-19 Pandemic Disease.
4. Write the methods of disposal of waste. What are the health implications due to improper waste disposal?
5. Discuss about national health budget in India.
6. Write the objectives of on five-year plans and how it helps in improvement of health system in India.
7. Briefly explain types of epidemiological methods and discuss about Experimental method in detail.
8. Write a detailed note on Reproductive and Child Health programme (RCH) in India.
9. Enumerate indicators of health and explain with example.
10. What are the types and causes of occupational diseases? Discuss preventive measures to be adopted to provide safe working environment.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination -

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

Research Methodology, Quantitative Techniques and Business Statistics

Paper-III - (RS-5)

Q.P. CODE: 8732

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

Answer All The Questions 10 X 10 = 100 Marks

1. Give a brief account of meaning and scope of research and discuss about different types research.
2. Discuss the methods data collection of quantitative data. Distinguish questionnaire survey and interview schedule.
3. Define probability. State the probability axioms. Add note on Poisson distribution its application in hospital administration.
4. Explain about steps and layout of writing research report.
5. The following table and represents the survey results from the 7 online stores.

Online store	1	2	3	4	5	6	7
Monthly E-commerce sales (in 1000 Rs)	368	340	665	954	331	556	376
Online advertisement (in 1000 Rs)	1.7	1.5	2.8	5	1.3	2.2	1.3

Fit the regression equation of monthly E-commerce sales on advertisement and estimate the probable E-commerce sale when the advertisement is 3.5 (in 1000Rs).

6. Explain the testing of hypothesis based on paired t-test unpaired t-test.
7. The table gives the data on incidence of bradycardia and over the treatment to prevent spinal induced hypertension in women undergoing cesarean delivery.

Brady cardio	Treatment	
Yes	phenylephrine	Norepinephrine
No	21	6
	35	50

Test whether the treatment group outcomes of bradycardia are associated or not (Chi-square value=3.84 atO.05 for 1df)

8. Explain about techniques of Operation Research and add note on PERT and CPM.
9. Discuss about the different types of random sampling techniques with suitable examples.
10. Explain the application of operations research in hospital administration.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Semester M.H.A Degree Examination - 21-Dec-2020

[Time: 3 Hours] [Max. Marks: 100]

HOSPITAL ADMINISTRATION

Management of Non Clinical Services

Paper-IV - (RS-5)

Q.P. CODE: 8733

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

Answer All The Questions 10 X 10 = 100 Marks

1. Write a note on Effluent Treatment Plan.
2. Write a neat flowchart of workflow of CSSD. Explain the functions and polices & procedures carried out in CSSD.
3. Explain the difference types of equipment maintenance followed in hospital.
4. Explain the latest trends in healthcare informatics.
5. Write a note on different categories of biomedical waste management in hospital.
6. Define medical record. Discuss the principles of record keeping.
7. Explain the different types of inventory control techniques used in hospital.
8. Write a note on Electronic Health Records and mention the advantages and disadvantages against conventional paper medical records.
9. Explain the HVAC system in hospital.
10. What are the functions of billing department? Write a note on medical social workers department in a hospital.

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