Rajiv Gandhi University of Health Sciences, Karnataka

II Semester M.H.A Degree Examination - 19-Jul-2021

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

HOSPITAL ADMINISTRATION – (RS-4)
Bio-Statistics and Quantitative Techniques
Q.P. CODE: 8716

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. Describe the role of tests of significance in comparative studies and explain any two tests for comparing sample estimates for quantitative data.

2. What is the difference between Primary and Secondary data? Explain the merits and demerits of these data.

3. Describe different graphs used for presentation of data.

4. What are the basic principles to be kept in mind while presenting data in tables?

5. Calculate mean, median, standard deviation and coefficient of variation for the following data on number of infections in ICU on a sample of days in a hospital
2 ,4, 6, 8, 5, 7, 8, 4, 3, 7, 8, 4

6. Describe Thruston method of scaling techniques.

7. What is a Probability distribution? Describe the properties of Normal distribution

8. What is the meaning of sampling variation and standard error? Which of the two following means has higher standard error?

Sample size	Mean	Standard deviation
25	12.5	1.5
36	15.0	2.5

9. Describe various steps in applying tests of significance to compare any two sets of data.

10. Write a note on WHO international classification of data.

II Semester M.H.A Degree Examination - 30-Jul-2021

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

HOSPITAL ADMINISTRATION
Health Economics (RS4)
Q.P. CODE: 8718

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 Marginal utility. Explain with a diagram the law of diminishing marginal utility.

2. Describe the methods of measuring national income.

3. Enumerate perfect competition.

4. Write a note on current trends in health insurance in National and International level.

5. Explain the degrees of price discrimination.

6. Explain the circular flow of income.

7. Expenditure on health is investment. Discuss.

8. What is marginal productivity?

9. Explain the theory of distribution.

10. Write a note on elasticity of demand.

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II Semester M.H.A Degree Examination - 10-Aug-2021

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

HOSPITAL ADMINISTRATION (RS-4)

Human Capital Management and Industrial Relations

Q.P. CODE: 8720

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 the different methods of training of employees in an organization. Describe the need of evaluation of training programme.
2. Describe the role of human resource manager in an organization.
3. Explain the process of recruitment. What are the different types of interview during the recruitment process?
4. Differentiate between job description and job specification.
5. What is human resource planning? Why is it important in an organization?
6. What is employee safety? What are the measures for employee safety?
7. What are the types of employee welfare measures?
8. Which are the different methods of employee performance appraisal?
9. Describe the factors contributing to job stress.
10. Write a note on collective bargaining and incentives. What is meant by Employee separations?

II Semester M.H.A Degree Examination – 16-Jul-2021

Time: Three Hours Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Accounting and Financial Management in Health Care

PAPER-I (RS-5)

Q.P. CODE: 8734

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. Prepare final account for the year ending as on December 31 2020 from the trial balance and adjustments

PARTICULARS	DEBIT (Rs)	CREDIT (Rs)
Drawing and capital	15000	50000
Purchase and sales	40000	70000
Return	2000	3000
Wages	4000	-
Salaries	8000	-
Debtors and Creditors	12000	10000
Bills receivable and payable	5000	4000
Opening stock	13000	0
Furniture	15000	-
General expenses	3000	-
Insurance	1000	-
Cash and Bank balance	19000	-
	137000	137000

ADJUSTMENTS

- Closing stock Rs.20000
- Insurance premium paid Rs.200
- Provide for doubtful debt @5%
- Depreciate furniture by 10% P.A

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2. How to achieve profit maximization and explain wealth maximization.
3. Describe the steps of pricing of services is a 100 bedded hospital.
4. What is cost accounting? Explain classification.
5. What is budget? Explain types of budget.
6. What is working capital? Explain factors.
7. What is meant by operational break ever and ROI?
8. How do you handle cash and manage it in a hospital.
9. Explain risk return trade off.
10. Describe receivable management.

II Semester M.H.A Degree Examination–20-Jul-2021

Time: Three Hours Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Health Care Economics and Health Insurance

PAPER-II (RS5)

Q.P. CODE: 8735

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 and explain the concepts of Demand and supply.
2. Describe monopolistic competition.
3. Explain the differences between perfect and imperfect competition.
4. What are the implications of globalization?
5. Describe the law of diminishing marginal utility.
6. Explain the different dimensions of access and equity in healthcare.
7. Brief out the role of IRDA in supervising promotional activities.
8. Discuss the steps involved in the settlement of claims.
9. What are the principles of underwriting?
10. Explain the health insurance plans for senior citizens.

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II Semester M.H.A Degree Examination – 23-Jul-2021

Time: Three Hours | Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Hospital Planning and Project Management

PAPER-III (RS5)

Q.P. CODE: 8736

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 the different kinds of facility design adopted to reduced hospital acquired infections.
2. Describe the recent trends and issues in hospital in India today.
3. Write a brief note on consulting process
4. Explain the planning and designing of housekeeping services department.
5. Write a note on Architects brief.
6. Describe the pre hospital and hospital disaster preparedness plan.
7. Explain the planning and designing of intensive care units.
8. Write a note on occupational safety.
9. Explain the planning and designing of blood transfusion hospital.
10. Write a note on hospital equipment planning.

II Semester M.H.A Degree Examination – 27-Jul-2021

Time: Three Hours | Max. Marks: 100 Marks

HOSPITAL ADMINISTRATION

Management of Clinical Services – PAPER-IV (RS-5)

Q.P. CODE: 8737

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 International classification of Disease.
2. Role and responsibilities of nursing administration.
3. Enumerate the importance of Crowd management in hospitals.
4. Describe policies and procedure to be maintained in Accident and emergency service.
5. Write a note on radiology services and safety procedures to be followed.
6. Describe managerial functional in terms psychiatric department.
7. Physical medicine and rehabilitation.
8. Explain the role and responsibilities of hospital administrative officer in maintain staff health.
9. Dialysis unit.
10. Nursing by law, rules, policies and procedure.

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II Semester M.H.A Degree Examination - 04-Jan-2022

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

HOSPITAL ADMINISTRATION – (RS-4)
Bio-Statistics and Quantitative Techniques
Q.P. CODE: 8716

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. Following are the OPD attendance and number of inpatient admission on a day in a sample of days in a hospital. Calculate Correlation coefficient and fit a regression equation to predict the number of inpatient admissions on a day on the basis of OPD attendance per day.

OPD attendance per day	1062	1150	1160	1254	1264	1914	1654	1067	1094	1984
No. of inpatient admissions per day	486	546	550	560	650	638	577	541	589	634

2. Describe the role of Statistical methods of Hospital administration.
3. Describe different qualitative methods of data collection with merits and demerits of each method.
4. Calculate mean, median, standard deviation and coefficient of variation for the following data on number of x-rays taken on a sample of days in a hospital 2,4,6,8,5,7,8,4,3,7,8,4
5. Describe Thruston method of scaling techniques.
6. Describe Percentiles and Quartiles as a measure of dispersion.
7. Describe Simple Random sampling and Stratified Random sampling methods with examples.
8. What is a Probability distribution? Describe Standardized Normal variate and its uses.
9. Describe any two tests of significance to compare sample estimates for quantitative data.
10. Write a note on different types of graph used for presentation of data.

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II Semester M.H.A Degree Examination - 10-Jan-2022

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

HOSPITAL ADMINISTRATION
Financial Management in Health Care (RS4)
Q.P. CODE: 8717

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 the various long term and short term sources of finance available in India to start any organization.
2. Explain the concept of risk and return.
3. What is credit evaluation?
4. What is inventory management?
5. Explain financial information system.
6. Explain financial engineering.
7. What is receivable management? What is financial restructuring?
8. Explain the concept of net present value.
9. What is budget and explain few budgets prepared in hospital.
10. Write a note on capital budgeting.

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