Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination – MAY 2015

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

HOSPITAL ADMINISTRATION

OPERATION RESEARCH AND RESEARCH METHODOLOGY INCLUDING RESEARCH ETHICS

(Revised Scheme)

Q.P. CODE : 8361

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

LONG ESSAY **2 X 20 = 40 Marks**

1. What do you mean by measurement in research? Explain different scales of measurements with their merits and demerits.
2. Define standard deviation. Calculate standard deviation and coefficient variation for the following data:

Age (yrs)	No. of patients
41-45	4
46-50	12
51-55	20
56-60	3
61-65	1
Total	40

SHORT ESSAY **6 X 10 = 60 Marks**

3. Explain meaning and significance of research design.
4. Define sample and sampling techniques. Explain systematic random sampling technique.
5. Define statistics. Discuss characteristics and functions of statistics.
6. Define correlation. Explain various types of correlation.
7. Write a note on chi square test and Z-test.
8. Write a note on scope of "operations research".
9. Discuss various steps in operations research.
10. Explain PERT / CPM.

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination - MAY 2015

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

HOSPITAL ADMINISTRATION

ORGANISATION BEHAVIOR

(Revised Scheme)

Q.P. CODE : 8360

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

LONG ESSAY **2 X 20 = 40 Marks**

1. What is motivation? Why motivation is challenging? Explain any two content theories.
2. Define the term orgahization culture. Explain how to create and sustain an organization's culture.

SHORT ESSAY (Answer any six) **6 X 10 = 60 Marks**

3. Determinations of personality
4. Job design and job enrichment
5. Inter personal conflict
6. Work stress and job performance
7. Group cohesiveness
8. Communication process and barriers of communication
9. Challenges and opportunities for organization behaviour.
10. Explain different approaches to power.

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination - MAY 2015

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

HOSPITAL ADMINISTRATION

ACCOUNTING IN HEALTHCARE

(RS 2 & RS 3)

Q.P. CODE: 8362

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

LONG ESSAY **2 X 20 = 40 Marks**

1. What do you understand by "pricing of Hospital Services"? Describe the factors influencing the pricing of Hospital Services.
2. Explain classification of cost. Describe the fixed and variable cost.

SHORT ESSAY (Any Six Only) **6 X 10 = 60 Marks**

3. Accounting concepts
4. Working capital management
5. Activity based costing
6. Inventory management
7. Leasing and installment purchases.
8. Human resource accounting
9. Service costing
10. Financial statements

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination - OCTOBER 2015

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

HOSPITAL ADMINISTRATION

PRINCIPLES OF MANAGEMENT

(Revised Scheme)

Q.P. CODE : 8359

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Organization is essential to the smooth functioning of a hospital. Discuss.
2. Explain planning. Explain the importance of strategic and operational planning in hospitals.

SHORT ESSAY (Answer any six) **6 X 10 = 60 Marks**

3. What is a non-budgetary control technique? Describe any two of them.
4. Explain situational leadership theory.
5. Explain the sources of recruitment in Indian scenario.
6. How does one motivate their employees in a hospital scenario? Discuss.
7. Opine on the need for good communication in a hospital.
8. Role of a manager
9. Functions and dimensions of marketing management
10. Discuss Abraham Maslow's need theory.

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination – OCTOBER 2015

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

HOSPITAL ADMINISTRATION

OPERATION RESEARCH AND RESEARCH METHODOLOGY INCLUDING RESEARCH ETHICS

(Revised Scheme)

Q.P. CODE : 8361

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

LONG ESSAY **2 X 20 = 40 Marks**

1. What is the scope of statistics in healthcare industry? Write the different data collection methods.
2. a) Define Poisson distribution.
   b) The probability that an individual suffer a bad reaction from an injection of a given serum is 0.01. Determine the probability that out of 10 individuals
   (i) Exactly 3, (ii) More than 2, (iii) Between 4 & 6 individuals suffer a bad reaction.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Find average of the following distribution:

No. of out-patients	0-200	201-400	401-600	601-800	801-1000	1001-1200	1201-1400
No. of days	47	63	88	122	75	55	30

4. How do you classify and tabulate data? Explain with a relevant example.
5. What is Bayes theorem? Explain its application in health care industry.
6. Discuss the different forecasting methods.
7. What are the different ethics you need to follow when carrying out a research in healthcare?
8. What is hypothesis testing? Discuss how chi-square test can be, used as a tool for hypothesis testing.
9. What are measures of dispersion? Discuss in detail.
10. Write a note on different scaling techniques used in research.

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination - APRIL/MAY 2015

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

HOSPITAL ADMINISTRATION

PRINCIPLES OF MANAGEMENT

(Revised Scheme)

Q.P. CODE : 8359

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Failing to plan is planning to fail. Discuss.
2. Explain organization in hospitals. Why is it important?

SHORT ESSAY (Answer any six) **6 X 10 = 60 Marks**

3. Explain decentralization and delegation of authority.
4. Explain in detail "Hawthorn studies".
5. Manpower planning in a hospital
6. Span of management
7. Control is essential for effective management. Discuss.
8. Point out some important qualities that make for successful leadership. Define concept of empathy.
9. Write a note on training methods.
10. What is the relevance and application of management in healthcare? How is it different from others?

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Rajiv Gandhi University of Health Sciences

I Semester M.H.A Degree Examination – OCTOBER 2015

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

HOSPITAL ADMINISTRATION

ACCOUNTING IN HEALTHCARE

(RS 2 & RS 3)

Q.P. CODE : 8362

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Define marginal costing? Write a note on break even point
2. Pricing the hospital services is essential for the survival of the hospital

SHORT ESSAY (Any Six Only) **6 X 10 = 60 Marks**

3. What do you mean by financial statement? Why it is to be prepared
4. What do you mean by human resource accounting
5. Cost accounting is essential for planning and decision making. Explain
6. What do you mean by working capital management
7. What are the different long term sources of funds of a business
8. What is standard costing
9. What is funds flow statement
10. Explain pricing of new equipments in hospital

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