Rajiv Gandhi University of Health Sciences

II Semester M.H.A Degree Examination - APRIL-2019

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

HOSPITAL ADMINISTRATION

Financial Management in Health Care

Q.P. CODE: 8717

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

LONG ESSAY 1 X 20 = 20 Marks

1. A hospital is considering to purchase a machine two machines are available in morlst namely product X and product Y. Each of it is costing Rs.50000 these machine generate cash flow after tax and deprecation as follows.

Year	Machine X	Machine Y	Discount at 10%
1	Rs. 15,000	Rs. 5,000	.909
2	Rs. 20,000	Rs. 15,000	.826
3	Rs. 25,000	Rs. 20,000	.751
4	Rs. 15,000	Rs. 30,000	.683
5	Rs. 10,000	Rs. 20,000	.621

Evaluate the Machines bred on

a) Pay back period
b) Net present value at 10% discount factor

Advise the hospital as to which machine has be inverted and which has to be rejected

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Explain the concept of time value of money.
3. Budget is a tool for effective management Discuss.
4. Explain the concept of credit policy in brief.
5. Objectives of financial management
6. Highlight few recent developments in health care financing in India
7. Long term decision in finance has be evaluated for financing discuss the question using capital budgeting
8. What is inventory management?
9. Explain the role of a finance manager in a charitable hospital.

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. What is zero based budget?
11. What is bond?
12. What is financial leverage?
13. What is preference share?
14. What is time valve of money?
15. What you understand by bills receivable?

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HOSPITAL ADMINISTRATION

Health Economics

Q.P. CODE: 8718

Your answers should be specific to the questions asked.
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LONG ESSAY 1 X 20 = 20 Marks

1. Describe the scope of national income study.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Differentiate between micro and macro economics
3. What are the various types of business decisions?
4. Discuss various components of national income.
5. Types of utility
6. Health economics
7. Recent trends in healthcare insurance
8. Business cycle
9. Define law of demand.

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. What is law of supply?
11. What is national income?
12. Define equi-marginal utility.
13. State any four characteristics perfect competition
14. Define market.
15. Health expenditure

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Rajiv Gandhi University of Health Sciences

II Semester M.H.A Degree Examination - APRIL-2019

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

HOSPITAL ADMINISTRATION

Material Management in Health Care

Q.P. CODE: 8719

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

LONG ESSAY 1 X 20 = 20 Marks

1. Classify the different types of equipments in hospitals. Briefly explain the planning and selection of bio-medical equipment in an organization.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Explain in detail the different import pricing consideration that have to be borne in mind while importing equipments?
3. What are the objectives and elements of good purchasing system?
4. What are the different types of distribution system? Add a note on types of distribution system in hospital.
5. Short note on asset accounting
6. What are the objectives of Materials management in a hospital?
7. Recent trends in hospital stores management
8. What is the role of logistics in the economy?
9. How do stock – out affect the hospital, both in financial as well as non financial terms?

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. Just in time
11. Value analysis
12. Types of indents
13. Types of equipment maintenance
14. Kardex system
15. Buffer stock

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II Semester M.H.A Degree Examination – APRIL-2019

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

HOSPITAL ADMINISTRATION

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.

LONG ESSAY 1 X 20 = 20 Marks

1. What is human resource planning? Elaborate the process in human resource planning. Write a note on the barriers in human resource planning.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. What is promotion? Write a note on its purpose, principles and advantages.
3. Discuss the factors influencing employee remuneration.
4. How will you determine the need for training in a hospital? Discuss the various steps involved in implementing a training programme.
5. Discuss the process of grievance settlement.
6. Discuss the process involved in ensuring discipline in an organization.
7. Write a note on wage policy in India.
8. “Recruitment is positive in approach”. Substantiate your argument with reasoning
9. What is the importance of appraising employees in a healthcare industry? Discuss the methods of appraising clinical and supportive staffs in a hospital.

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. Write a note on different types of rest pauses to overcome mental fatigueness.
11. On-job training
12. Burnout
13. Job description and job enlargement
14. Lay off V/s retrenchment
15. What is collective bargaining?

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II Semester M.H.A Degree Examination - OCT-2019

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

HOSPITAL ADMINISTRATION

Bio-Statistics and Quantitative Techniques

Q.P. CODE: 8716

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

LONG ESSAY 1 X 20 = 20 Marks

1. Describe different methods of data collection for descriptive studies.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Discuss the importance of sample in the research. What are the considerations for estimating sample size?
3. Define sampling. Discuss stratified random sampling method and its merits and demerits.
4. Explain the normal distribution curve and its application with an example.
5. Describe the application of bio-statistics in hospital administration.
6. Define statistical inference. Explain the steps in the testing the hypothesis procedure with an example.
7. Describe different methods of estimating variability of data.
8. Describe formulation of hypothesis in research
9. Describe correlation and regression techniques.

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. Post hoc test
11. Randomization in experimental study
12. Advantages and disadvantages of graphical presentation of data
13. Type I error and Type II error
14. Standard deviation and its advantages
15. Short note on sampling variation

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II Semester M.H.A Degree Examination - OCT-2019

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HOSPITAL ADMINISTRATION

Financial Management in Health Care

Q.P. CODE: 8717

Your answers should be specific to the questions asked.
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LONG ESSAY 1 X 20 = 20 Marks

1. What is financial management? Explain different sources of finance.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Explain techniques of capital budgeting.
3. Explain concept of working capital management.
4. Explain profit and wealth maximization.
5. Explain cash management.
6. Explain financial restructuring.
7. Explain leasing and hire purchasing.
8. Explain emerging role of financial managers in India.
9. From the following particulars relating to a project, calculate NPV. The cost the project is Rs.50,000 the life of the project is 5 years and following are the expected cash inflows of the project.

Years	1	2	3	4	5
Cash inflow	20,000	15,000	10,000	15,000	8,000

Present value factors at 10% and 15%

Years	1	2	3	4	5
PVF AT 10%	0.909	0.826	0.751	0.683	0.621
PVF AT 15%	0.870	0.756	0.658	0.572	0.497

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. What is finance?
11. What is meant by stock dividend?
12. What is fixed budget?
13. What is meant by trading on equity?
14. What is money market?
15. What is meant by payback period?

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HOSPITAL ADMINISTRATION

Health Economics

Q.P. CODE: 8718

Your answers should be specific to the questions asked.
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LONG ESSAY 1 X 20 = 20 Marks

1. Define National Income. Explain the different concepts of National Income.

SHORT ESSAY (Answer any Seven) 7 X 10 = 70 Marks

2. Explain price fixation.
3. Describe imperfect competition.
4. Explain in the role of government in health sector.
5. Outline principles of health insurance
6. Explain indifference curve analysis.
7. Describe the law of diminishing marginal utility.
8. Justify the economics of bulk purchase.
9. Describe welfare economics.

SHORT ANSWERS (Answer any Five) 05 X 02 = 10 Marks

10. What is per capita income?
11. Define duopoly with two features.
12. What is elasticity of demand?
13. Explain the measurement of health demand analysis.
14. Principles of substitution.
15. What is underwriting in health insurance?

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