# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 19-Jan-2021

Time: Three Hours | Max. Marks: 80 Marks

## Hospital Operation Management

## Q.P. CODE: 1305

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 ambulatory service? Discuss the planning and designing consideration for a patient friendly ambulatory service.
2. Explain disaster management cycle. How can a hospital prepare for disaster management?
3. List down the stages of Hospital planning. Briefly explain the duties and responsibilities of various positions in hospital organization team.

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

4. Write a note on the equipment planning in hospital.
5. Write a note on Site survey.
6. Plan a hospital dietary department for smooth work flow.
7. Principles for designing a good MRD in a hospital.
8. Write a note on importance of zoning in operation theatre.
9. Planning and design consideration for infection free intensive care unit.
10. Importance of CSSD and its design consideration
11. Write a note on manifold system.
12. Write a note on the types of committees in a hospital and its functions.
13. Planning and designing consideration for labour and delivery suite in a hospital.

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

14. What is internal and external circulation routes?
15. Define Hospital.
16. Steps in disaster management cycle.
17. Organization chart for Nursing services.
18. Estimation of power consumption in a 500 bedded hospital.
19. Inventory of linen maintained in hospital.
20. Layout of the food service department.
21. Difference between a bed capacity and a bed compliment.
22. Lay out for Radiology department.
23. Hospital formulary.
24. Differentiate between a programme and project.
25. Ideal location for OT.

# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 25-Jan-2021

Time: Three Hours Max. Marks: 80 Marks

## Business Statistics

## Q.P. CODE: 1306

(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. What are basic principles to be kept in mind while presenting the data as tables? Describe different types of tables.
2. Describe different measures of variability of data.
3. Calculate standard deviation for the following data.

| Income per day in Rs. | 4001-4500 | 4501-5000 | 5001-5500 | 5501-6000 | 6001-6500 | 6501-7000 | 7001-7500 | 7501-8000 | 8001-8500 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| No. of days | 7 | 8 | 9 | 10 | 12 | 15 | 11 | 10 | 8 | 90 |

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

4. Explain difference between classification and tabulation.
5. Explain difference between composite bar diagram and Proportional bar diagram.
6. Following are the unit cost of certain items during different years. Calculate index numbers for all the items for the years by simple aggregate method with 2006 as the base year

| Item | 2006 | 2007 | 2008 | 2009 | 2010 |
|---|---|---|---|---|---|
| Item 1 | 3.41 | 4.68 | 4.75 | 6.00 | 7.00 |
| Item 2 | 6.10 | 7.40 | 7.78 | 8.75 | 9.00 |
| Item 3 | 6.66 | 8.94 | 10.65 | 9.45 | 11.00 |
| Item 4 | 7.36 | 7.25 | 7.65 | 7.89 | 8.98 |
| Item 5 | 4.32 | 5.90 | 5.19 | 7.78 | 8.88 |

7. Different between Geometric mean, Arithmetic mean and Weighted mean
8. Describe any five uses of Statistics in hospital management.
9. Describe any three methods of graphical presentation of data.
10. Describe Spearman's rank correlation.
11. Describe Moving Averages for fitting of trends.
12. Explain different trends in time series analysis.
13. Explain various considerations in constructing index numbers.

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

14. Limitation of Statistics
15. Frequency distribution
16. Proportional bar diagram
17. Seasonal trends
18. Moving averages
19. Scatter diagram

20. Regression coefficient
21. Index numbers
22. Statistics and Statistical methods
23. Two way classification of data
24. Primary and secondary data
25. Questionnaire method of data collection

# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination –21-Jan-2022

Time: Three Hours | Max. Marks: 80 Marks

## PROJECT MANAGEMENT

## Q.P. CODE: 1307

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 meant project management? Explain the importance of Project management cycle in hospitals
2. What is project appraisal? Explain in detail step involved in project appraisal
3. Explain the concept of PERT and CPM with suitable example

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

4. The role of project manager as line manager and staff manager
5. Differentiate between project driven and non-project driven organization
6. Write a note on work breakdown structure
7. Explain briefly project planning cycle
8. Explain different types of project feasibility
9. Explain the concept of project management functions
10. Explain different types of pricing estimates
11. Write a note on proposal writing
12. Differentiate between program management and project management
13. Discuss project manager as planning agent

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

14. What is project management triangle?
15. Role of project manager
16. What do you mean by project authority?
17. What is project control?
18. Product v/s Project management
19. What is milestone?
20. What is schedule?
21. What is project specifications?
22. What are the importance of project feasibility?
23. What is crash time?
24. What is estimating activity time?
25. What is overhead costs?

# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 31-Jan-2022

Time: Three Hours | Max. Marks: 80 Marks

## HEALTH ECONOMICS

### Q.P. CODE: 1308

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 meaning, methods and difficulties in measuring National Income
2. Briefly explain the economics of communicable and non-communicable diseases
3. Explain elasticity of demand

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

4. Explain the law of equi-marginal utility
5. What are trade cycles?
6. Write in brief the objectives of business economics
7. Write in detail the assumptions of law of diminishing marginal utility
8. Discuss with illustration the social and economic objectives of business statistics
9. Mention the scope of business economics
10. Explain indifference curve
11. Explain the uses of Health programs undertaken by Government, in economics
12. Explain the law of demand. What is price elasticity of demand?
13. Define Health economics. Explain the importance of economic evaluation in health program

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

14. What is consumer behaviour?
15. Mention the exclusive criteria for the law of diminishing marginal utility with suitable examples
16. Define Perfect competition
17. Define Market
18. Define Indirect cost
19. Explain non communicable disease
20. Explain CEA
21. Types of consumption
22. What is linear programming?
23. Convexity in indifference curve
24. What is economic evaluation?
25. What is micro analysis?

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# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination –01-Feb-2021

Time: Three Hours | Max. Marks: 80 Marks

## Project Management

## Q.P. CODE: 1307

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 project planning.
2. Explain feasibility study of the project.
3. Explain project evaluation and review techniques.

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

4. Explain different phases in project management.
5. Explain benefits of project management.
6. Explain the concept of CPM.
7. Explain project cost system.
8. Explain project manager as line and staff manager.
9. Differentiate between product management and project management.
10. Explain project triangle.
11. Explain McKinsey's 7's frame work in project management.
12. Explain project cost system.
13. Explain directing function in project management.

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

14. Define project management.
15. What is project schedule?
16. Who is a project manager?
17. What is meant by merge event?
18. What is communication?
19. What is project pricing?
20. What is project control?
21. Explain the concept of review meeting.
22. What is meant by motivation?
23. What is meant by work break down structure?
24. What is project cycle?
25. What is project authority?

# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 05-Jan-2021

Time: Three Hours | Max. Marks: 80 Mar

## Health Economics

Q.P. CODE: 1308

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Mark

1. Explain different degrees of price elasticity of demand.
2. Define National income. Explain different concepts of national income.
3. Define business cycle. Explain the phases of business cycle.

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

4. Explain the scope of business economics.
5. Explain the role of time element in value discrimination.
6. Write a note on cost benefit analysis.
7. Briefly explain the consumer soverginity.
8. Explain briefly the law of demand.
9. Explain the different types of pricing.
10. What are the different types of demand forecasting?
11. Explain the equi marginal utility.
12. What are the different types of elasticity of demand?
13. Distinguish between micro and macro economics.

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

14. Define business economics.
15. Define demand forecasting.
16. What is cross elasticity?
17. Define recession
18. What is business cycle?
19. What is skimming price policy?
20. Define price discrimination.
21. Define revenue.
22. What is demand curve?
23. Define utility.
24. Define production concept.
25. Define cross demand.

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# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 05-Feb-2021

Time: Three Hours | Max. Marks: 80 Marks

## Health Economics

## Q.P. CODE: 1308

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Mark

1. Define perfect competition. Describe how equilibrium process is determined under perfe competition.
2. Explain the law of diminishing marginal utility.
3. Define demand forecasting. Enumerate the different methods of demand forecasting.

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

4. Differentiate between individual and market demand.
5. Explain the features of business economics.
6. Define revenue. Describe the different sources of revenue.
7. What are the exceptions of law of demand?
8. Explain the indifference curve techniques and its properties.
9. Describe the features and objectives of pricing policy.
10. Explain the different types of utility.
11. Write a note on trade cycles.
12. Describe price leadership.
13. What are the goals of modern business organization?

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

14. Define micro economics.
15. Define net national income?
16. What is the concept of shift in demand?
17. What is pricing under collusion?
18. State the law of variable proportions.
19. Differentiate between total revenue and marginal revenue.
20. Define price discrimination.
21. Define direct and indirect costs.
22. Define Tax.
23. What is producer's equilibrium?
24. What are the different economic indicators?
25. What is welfare economics?

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# Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 02-Aug-2021

Time: Three Hours | Max. Marks: 80 Marks

## HEALTH ECONOMICS

### Q.P. CODE: 1308

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. Distinguish between perfect competition and monopolistic competition. Explain how price is determined under monopolistic competition
2. Define price elasticity. Describe the different measurements of price elasticity
3. Explain the law of equi marginal utility with a diagram

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

4. What is demand curve? Explain its determinants
5. Write a note on National Income
6. Explain the demand forecasting techniques
7. Explain law of variable proportions
8. What is diminishing marginal utility?
9. What is revenue? Explain different types of revenue
10. Write a note on cost benefit analysis
11. What is pricing? Explain different types of pricing
12. What is trade cycle? Explain its phases
13. Explain nature, importance and objectives of business policy

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

14. Definition of Micro economics
15. Role of demand in fixation of pricing
16. Cross demand
17. Law of demand
18. Production function
19. Advantages and disadvantages of health insurance
20. Benefits of Public Private Partnership
21. Features of market structure
22. What is Isocosts?
23. Difficulties of measuring National Income
24. What is profit maximization?
25. Goals of business