Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 15-Dec-2020

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. Discuss the planning and designing requirements for hospital pharmacy to prevent patient dissatisfaction due to overcrowding.
2. Discuss the various stages in the planning of a hospital.
3. Discuss the effective planning and designing considerations for CSSD in a 1000 bedded hospital to reduce nosocomial infections.

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

4. Write the Composition, Duties and Responsibilities of the governing board.
5. Write a note on Architect Brief.
6. Designing consideration for air conditioning system in hospital.
7. Planning and design considerations for Human resource department.
8. General classification and planning for equipments in hospital.
9. Plan and design a laundry for a 300 bedded hospital.
10. Important planning considerations for a psychiatry Nursing unit.
11. Write a note on principles of Disaster management plan.
12. Design Bio medical engineering department for a hospital.
13. Write a note on manifold system.

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

14. Ideal location for diagnostic services and why?
15. Enumerate the criteria before computerization in hospitals.
16. Types of Circulation route in hospitals.
17. What is Gantt Chart?
18. Illustrate an ideal layout for dietary department.
19. Equipments used in laundry.
20. Estimation for vehicle parking while planning a hospital.
21. Objectives for air conditioning in mortuary department.
22. Enlist the guiding principles for planning a hospital.
23. Planning for Sewage disposal in hospital.
24. Ideal floor area ratio.
25. Zoning criteria for OT.

Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination –

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 Ma**

1. What are the basic principles to be kept in mind for graphical presentation of data? Describe diffe graphical methods of presentation of data.
2. Following are the quantity purchased and cost per unit of four items in a hospital over two years Calcu the Index numbers for the cost of purchase of all items by Pasche's method for the year 2016 with 201 the base year

Items	Quantity purchased year 2015	Cost per unit in 2015	Quantity purchased year 2016	Cost per unit in 2016
Item 1	21000	4.41	30400	6.00
Item 2	27600	7.10	28800	9.00
Item 3	34000	5.66	25600	8.00
Item 4	7800	9.36	9000	12.98

3. Describe Correlation and Regression methods of data analysis.

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

4. Explain different types of trends in Time Series Analysis.
5. Describe Simple aggregate method of calculation of Index Number.
6. Describe Spearman's rank correlation.
7. Describe different measures of central tendency.
8. Describe different measures of dispersion.
9. Calculate standard deviation for the following data

15	21	20	18	22	16	18	20	17	23

10. Describe basic principles of tabulation of data.
11. Describe different aspects to be taken into consideration for calculation of Index numbers.
12. Describe difference between arithmetic mean and geometric mean
13. Following are the data on OPD attendance in different years in a hospital. Calculate three year mo averages for the data.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	20
Attendance	250	260	300	350	310	368	389	390	400	410	430	450	4

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

14. Interview method of data collection
15. Observation method of data collection
16. Bar-diagram and Scatter diagram
17. Uses of median and mode
18. Quartile deviation
19. Frequency distribution

20. Composite and Proportional bar diagram
21. Coefficient of variation
22. Uses of Index numbers
23. Proportional bar diagram
24. Role of market for assessing calculation of Index numbers
25. Weighted average

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Rajiv Gandhi University of Health Sciences, Karnataka

II semester Bachelors in Hospital Administration Degree Examination – 29-Dec-2020

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. Define price estimating. Explain the types of price estimates and pricing process.
2. What is project planning? Explain the project planning cycle in detail.
3. Define project evaluation. Explain PERT and CPM.

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

4. Write a note on Project authority
5. Difference between project driven and non project driven organization.
6. Explain project management variables.
7. Write a note on technical, marketing and financial feasibility.
8. Write a note on Management control.
9. Write a note on Project management.
10. Write a note on team building and controlling.
11. What are the characteristics of a project?
12. Explain the Statement of work in project management.
13. Project manager as a planning agent. Discuss

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

14. Project appraisal.
15. Laissez-Faire leadership.
16. Project schedule.
17. Concept of network.
18. Work package.
19. Define quality.
20. Crash time.
21. Project management triangle.
22. Pricing review.
23. Activity time.
24. Burst event.
25. Importance of project management.

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