Sl No. 15 RK—2132

# FIRST YEAR M.Sc. (HOSPITAL ADMINISTRATION) DEGREE EXAMINATION, 2002

## Paper I

Time : Three Hours Maximum : 80 Marks

**Long Essays :** (Answer *all* questions.)

1. Management is a sophisticated behavioural science. Elucidate.
2. Explain the nature and characteristics of management principles.
3. What are the barriers to communication ? How can the barriers be removed ?
4. What do you mean by "organisational climate" ? Explain the factors affecting climate of work organisation.

(4 × 15 = 60 marks)

**Short Essays :** (Any *two*)

5. Grapevine.
6. Decision-making models.
7. Managerial effectiveness.
8. Managerial skills.

(2 × 10 = 20 marks)

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# FIRST YEAR M.Sc. (HOSPITAL ADMINISTRATION) DEGREE EXAMINATION, 2002

Paper II

(New Scheme)

Time : Three Hours | Maximum : 80 Marks

**Long Essays :** (Answer *all* questions.)

1. What is meant by elasticity of demand ? State the factors which determine the price elasticity of demand.
2. Distinguish between Business Economics and Health Economics.
3. What is Research Design ? What are the steps involved in preparation of research design ?
4. (a) Distinguish between the "census" and "sampling methods" of collecting data and compare their merits.

   (b) Two workers on the same job show the following results over a long period of time :—

| | | A | B |
|---|---|---|---|
| Mean time of completing the job (hrs.) | : | 30 | 25 |
| Standard Deviation (hrs.) | : | 6 | 4 |

   (i) Which worker appears to be more consistent in the time be requires to complete the job ?

   (ii) Which worker appears to be faster in completing the job ?

(4 × 15 = 60 marks)

**Short Essays :** (Answer any *two* from the following.)

5. Write a note on measurement of national income.
6. What is PERT ?
7. Explain the forces of governing the supply of capital.
8. Given the bivariate data :

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| X | : | 1 | 5 | 3 | 2 | 1 | 1 | 7 | 3 |
| Y | : | 6 | 1 | 0 | 0 | 1 | 2 | 1 | 5 |

   (a) Fit a regression line of Y on X and hence predict Y if X = 10.

   (b) Calculate Karl Pearson's correlation coefficient.

(2 × 10 = 20 marks)

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## FIRST YEAR M.Sc. (HOSPITAL ADMINISTRATION) DEGREE EXAMINATION, 2002

### Paper I—MANAGEMENT

Time : Three Hours Maximum : 80 Marks

**Long Essays :** (Answer *all* questions)

1. What is scientific management ? What are its contributions in Hospital Administration ? Explain.
2. Define "Motivation" and point out the difference between positive and negative motivation.
3. Explain the planning process in Hospital Administration.
4. Examine important features of controlling. What are the basic steps in the process of controlling in a hospital ?

(4 × 15 = 60 marks)

**Short Essays :** (on any *two*)

5. Directing.
6. Work groups.
7. MIS (Management Information System.)
8. Analysis of reasons for success and failures.

(2 × 10 = 20 marks)

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## FIRST YEAR M.Sc. (HOSPITAL ADMINISTRATION) DEGREE EXAMINATION, 2002

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**Paper III**

Time : Three Hours  Maximum : 80 Marks

**Long Essays :** (Answer *all* the questions.)

1. Describe indigenous system of medicine.
2. What is budgeting ? Discuss the importance of budgeting in a hospital.
3. Explain the principles of occupational health.
4. Importance of geriatric services planning in India.

(4 × 15 = 60 marks)

**Short Essays :** (Write short notes on any *two*.)

5. Hospital waste management.
6. Selected issue of Health Care.
7. Modes of Financing Health.
8. Evaluation of health programs.

(2 × 10 = 20 marks)

