



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/HM/SEM-2/BHM-201/2011**

**2011**

**HOSPITAL OPERATION MANAGEMENT – I**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for any *ten* of the following :

10 × 1 = 10

- i) PERT stands for
  - a) Positive Error Reporting Time
  - b) Programme Evaluation Review Technique
  - c) Programme Evaluation and Research Theory
  - d) Process Evaluation and Research Technique.
  
- ii) Which of the following is not a patient monitoring equipment ?
  - a) Pulse oxymeter
  - b) Capnograph
  - c) Ventilator
  - d) Cardiac monitor.

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- iii) Most sensitive indicator for evaluating health status of population is
- a) Maternal mortality      b) PQLI
- c) Infant mortality      d) Morbidity.
- iv) A community health centre covers a population of
- a) 20,000 – 30,000      b) 40,000 – 50,000
- c) 80,000 – 1,20,000      d) 1,20,000 – 1,40,000.
- v) Morbidity is
- a) study of distribution of disease
- b) study of death
- c) study of sickness
- d) none of these.
- vi) Positive air pressure at the aseptic zone can be met with
- a) 18 air changes per hour
- b) 23 air changes per hour
- c) 20 air changes per hour
- d) 30 air changes per hour.
- vii) PERT & CPM are
- a) Statistical tool      b) Time-even tool
- c) Network Analysis      d) All of these.



- viii) Health Services Research provides
- a) basic descriptive data on organization and operation of medical care system
  - b) partial descriptive data on health care reforms and the performance of hospitals
  - c) both (a) and (b)
  - d) none of these.
- ix) One of the biggest challenges faced by the hospital managers today are
- a) scarcity of resources    b) legal problems
  - c) managerial problems    d) both (a) and (b).
- x) As per Health Services Research there are two types of output. They are
- a) intermediate and ultimate
  - b) intermediate and penultimate
  - c) interdisciplinary and intermediate
  - d) none of these.
- xi) FSN technique is used in
- a) Cost Accounting
  - b) Human Resource Management
  - c) Inventory Management
  - d) Time Motion Study.

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**GROUP – B**  
**( Short Answer Type Questions )**

Write short notes on any *three* of the following.

3 × 5 = 15

2. OT lighting.
3. HEPA filter.
4. Queuing theory.
5. Quality circles.
6. MBO.

**GROUP – C**  
**( Long Answer Type Questions )**

Answer any *three* of the following. 3 × 15 = 45

7. What are the challenges faced by a Hospital ? Describe the strategies to overcome these problems.
8. Describe how health service research is dependent on effectiveness, efficiency and equity.
9. Describe the uses of epidemiology in the management of health care sector. Why is it essential that all the health care managers have a basic knowledge of epidemiology ?
10. What are the managerial issues involved in CSSD ? Highlight the problem areas.
11. What are the methods of health service research ? Describe in detail.