



Name :

Roll No. :

Invigilator's Signature :

**CS/HM/SEM-2/BHM-201/2010
2010**

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) The operation theatre consists of
- | | |
|------------|-------------|
| a) 8 zones | b) 6 zones |
| c) 4 zones | d) 2 zones. |
- ii) The optimum size of a minor operation room is
- | | |
|--------------|-------------------|
| a) 20' × 18' | b) 18' × 18' |
| c) 24' × 24' | d) none of these. |
- iii) The following are the techniques of operation research,
except
- | | |
|-----------------------|---------------------|
| a) Probability theory | b) Decision theory |
| c) Queuing theory | d) Analogue theory. |



- iv) A Pareto chart is
 - a) the step-by-step, schematic pictures of stages of a project
 - b) which breaks a project down into controllable pieces
 - c) which displays the schedule
 - d) a series of bars whose height reflect the frequency or impact of problems.
- v) One of the use of Epidemiology is
 - a) community assessment
 - b) quality assurance
 - c) historical study
 - d) both (a) and (c).
- vi) PERT stands for
 - a) Positive Error Reporting Time
 - b) Process Evaluation Research Technique
 - c) Program Evaluation and Research Theory
 - d) Program Evaluation Review Technique.
- vii) A Gantt chart is which
 - a) displays the schedule as well as acts as a comparison
 - b) breaks down a project into controllable pieces
 - c) displays the step-by-step, schematic pictures of any process
 - d) is a series of bars whose height reflect the frequency.



- viii) One of the challenges faced by a Hospital Administrator is
- a) working of health services
 - b) service to humanity
 - c) scarcity of resources
 - d) working in a small hospital.
- ix) The bed : population ratio in India is still
- a) 1·5 bed per 1000 population
 - b) 0·74 bed per 1000 population
 - c) 1 bed per 1000 population
 - d) 3·5 bed per 1000 population.
- x) HEPA filters refer to
- a) high efficiency particulate air
 - b) highly effective particles of air
 - c) heavily effective particles of air
 - d) none of these.
- xi) KRAs refer to
- a) Key Result Areas
 - b) Key Report Areas
 - c) Key Resource Areas
 - d) None of these.

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GROUP – B

(Short Answer Type Questions)

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

3 × 5 = 15

2. MBE
3. Functions of O.T. manager
4. Input – Output analysis
5. Scope of Health Service Research
6. Performance Budgeting.

GROUP – C

(Long Answer Type Questions)

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

7. Explain the development of professional management in Indian hospitals.
8. Health services is interdisciplinary in focus. Explain.
9. Explain the factors influencing the health status of a community.
10. Give a brief account on models of operation research.
11. Discuss in brief the arrangements, physical facilities in an O.T. with reference to
 - i) Zoning
 - ii) Air circulation
 - iii) Eequipments
 - iv) Sterility.