



Name :
Roll No. :
Invigilator's Signature :

CS/HM/SEM-2/BHM-201/2012

2012

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 the following : $10 \times 1 = 10$

- i) Bed occupancy ratio is
 - a) no. of beds : patients
 - b) no. of vacant beds : patients
 - c) no. of doctors : no. of sisters
 - d) none of these.

- ii) The operation theatre consists of
 - a) 8 zones
 - b) 6 zones
 - c) 4 zones
 - d) 2 zones.



- iii) The following are management techniques borrowed from behavioural sciences, *except*
- a) organizational design
 - b) communication
 - c) cost-benefit analysis
 - d) personnel management.
- iv) The zone which is maintained at the highest positive air pressure in O.T. is
- a) clean zone
 - b) protective zone
 - c) sterile zone
 - d) disposal zone.
- v) 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.
- vi) Recovery rooms in O.T. lie in the
- a) sterile zone
 - b) clean zone
 - c) protective zone
 - d) none of these.
- vii) Which of the following is not a patient monitoring equipment ?
- a) Pulse oxymeter
 - b) Capnograph
 - c) Ventilator
 - d) Cardiac monitor.



- viii) Quality of care is not included in
- a) concern for the consumer
 - b) concern for the quality of care
 - c) concern for the quality of management
 - d) concern for the quantity of care.
- ix) USA spends health care cost about
- a) 14% of GDP
 - b) 20% of GDP
 - c) 18% of GDP
 - d) 9% of GDP.
- x) The optimum size of a minor operation room is
- a) 20' × 18'
 - b) 18' × 18'
 - c) 24' × 24'
 - d) none of these.

GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following : 3 × 5 = 15

2. Time-series analysis.
3. Feedback loop.
4. Cost benefit analysis.
5. Need assessment.
6. Performance Budgeting.

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GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Describe the modern techniques in Hospital Management.
8. Explain OT planning and designing with all the equipment required for the OT department.
9. "Health services is interdisciplinary in focus and complex in nature." Explain.
10. Discuss in brief the following in an ICU with reference to
 - i) Staffing w.r.t. W.B.C.E. Act
 - ii) Air circulation
 - iii) Equipment
 - iv) Sterility
 - v) Nursing station and bed arrangements w.r.t. W.B.C.E. Act.
11. Define Research. Discuss the importance of Health Service research.

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