



Name :

Roll No. :

Invigilator's Signature :

**CS/HM/SEM-3/BHM-301/2009-10
2009**

HOSPITAL OPERATION MANAGEMENT-II

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 of the following :

10 × 1 = 10

- i) The optimum size of a minor operation room is
- a) 20' × 18' b) 18' × 18'
- c) 24' × 24' d) none of these.
- ii) The minimum floor space for a bed in multiple room is
- a) 7 metre sq. per bed
- b) 10.05 metre sq. per bed
- c) 5 metre sq. per bed
- d) 8.15 metre sq. per bed.

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- iii) The level of illumination for general lighting of the patient areas is
 - a) 150 Lux
 - b) 200 Lux
 - c) 100 Lux
 - d) 300 Lux.
- iv) ETO machine is used in
 - a) Pharmacy
 - b) Laboratory
 - c) OT
 - d) CSSD.
- v) Linen used in operating theatres should be of a strong close weave material having a pore size of
 - a) about 10 microns
 - b) about 30 microns
 - c) about 50 microns
 - d) about 70 microns.
- vi) Following are the equipment seen in Pharmacy *except*
 - a) Kardex
 - b) equipment for preparation of fluids, mixtures
 - c) filing cabinets
 - d) electrocardiogram machine.
- vii) OT control room will be at
 - a) protective zone
 - b) clean zone
 - c) sterile zone
 - d) disposal zone.
- viii) The formula of Macaulay & Devies is used to calculate
 - a) nurse-patient ratio in a critical care unit
 - b) no. of operating rooms in a hospital
 - c) doctor-patient ratio in a critical care unit
 - d) none of these.
- ix) The optimum size of a general OT is
 - a) 150 square feet
 - b) 175 square feet
 - c) 250 square feet
 - d) 325 square feet.
- x) Approval of BARC is required to build
 - a) Imaging department
 - b) CSSD
 - c) Laundry
 - d) Pharmacy.



GROUP – B

(Short Answer Type Questions)

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

3 × 5 = 15

2. Nuclear Medicine.
3. Nephrology and Dialysis Unit.
4. Primary factors in determining a site for a proposed hospital.
5. Emergency service.

GROUP – C

(Long Answer Type Questions)

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

6. Describe in brief about the critical care units of a hospital.
7. Illustrate the factors, which influence the number of nurses in a hospital. Discuss about the staffing norms of nursing services.
8. What are problem areas and managerial issues involved in a diagnostic department ?
9. What are the categories and sources of outpatient ? Describe the planning consideration, location, flowchart of functions, physical infrastructure and facilities needed in an OPD.

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