



Name :

Roll No. :

Invigilator's Signature :

**CS/HM/SEM-4/BHM-402/2011
2011**

SUPPORT & UTILITY SERVICES — 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) What is the per cent of non-hazardous hospital waste generated per bed per day ?
 - a) 85%
 - b) 75%
 - c) 95%
 - d) 65%.
 - ii) Which of the following is not a function of Pathology Department ?
 - a) Specimen collection
 - b) Report disposal
 - c) Patient admission
 - d) Specimen testing.



- iii) Fluoroscopic procedure is performed to study
- a) renal problem
 - b) the digestive tract
 - c) respiratory distress
 - d) none of these.
- iv) therapy is a tissue-destroying procedure.
- a) Intravenous
 - b) Radiation
 - c) Catheterization
 - d) All of these.
- v) In-vivo and In-vitro procedures are related to which branch of treatment ?
- a) Nuclear medicine
 - b) General medicine
 - c) Neuro medicine
 - d) none of these.
- vi) Shelf life for correctly packaged articles is about
- a) 4 days
 - b) 7 days
 - c) 15 days
 - d) 30 days.
- vii) Autoclaving reduces the volume of medical waste by
- a) 5-10%
 - b) 25-30%
 - c) 50-60%
 - d) 80-90%.



viii) Small service lifts used to deliver food trays, medicines, supplies, etc. are known as

- a) elevators
- b) chutes
- c) ramps
- d) dumbwaiters.

ix) Ramps should have a gradient of

- a) 1 : 8
- b) 1 : 10
- c) 1 : 5
- d) none of these.

x) A hospital having 90-100% occupancy will require

- a) 4 sets of linen per bed
- b) 5 sets of linen per bed
- c) 6 sets of linen per bed
- d) 7 sets of linen per bed.

GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following. $3 \times 5 = 15$

2. Par stock and its importance.
3. PACS.
4. Patient safety.
5. Transport services in hospital.
6. Office administration.



GROUP – C
(Long Answer Type Questions)

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

7. Define biomedical waste. Why is safe disposal important ?
Discuss the different methods used for collection, segregation and disposal process. 2 + 3 + 10
 8. Discuss the organization and operational planning services of a hospital laboratory.
 9. Illustrate the factors which influence the number of nurses in a hospital. Discuss about the staffing norms of nursing services.
 10. Give a brief account on various activities carried out in linen room. Describe the laundry process with explanation of various equipments used.
 11. Explain the importance of housekeeping services in the hospital.
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