



Name :

Roll No. :

Invigilator's Signature :

CS/HM/SEM-4/BHM-402/2012

2012

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 × 1 = 10

- i) The colour of the container used for the disposal of solid waste is
- | | |
|----------|-----------|
| a) red | b) yellow |
| c) white | d) black. |
- ii) The minimum linen and uniforms required to meet the daily demand is known as
- | |
|---------------------------|
| a) linen stock |
| b) buffer stock |
| c) minimum stock holdings |
| d) par stock. |



- iii) The machine used for sterilization is called
- a) centrifuge
 - b) incubator
 - c) autoclave
 - d) incinerator.
- iv) MRI stands for
- a) Medical Record Index
 - b) Magnetic Resonance Imaging
 - c) Magnetic Resource Indicator.
- v) Nosocomial infection develops in patients after more than
- a) 48 hours of hospitalization
 - b) 24 hours of hospitalization
 - c) 72 hours of hospitalization
 - d) 12 hours of hospitalization.
- vi) The most suitable person to be the Infection Control Officer is
- a) the microbiologist
 - b) infection control nurse
 - c) the hospital epidemiologist
 - d) the hospital administrator.
- vii) The machine used in sterilization is called
- a) Centrifuge
 - b) Incubator
 - c) Autoclave
 - d) Incinerator.
- viii) In a modern hospital, hospital infection rate should be
- a) 1% or less
 - b) 3% or less
 - c) 5% or less
 - d) 10% or less.



- ix) HAI stands for
- Hospital Acquired Infction
 - Hospital Affected Infection
 - Hospital Acquired Immunity
 - All of these.
- x) A minimum space requirement for blood bank is
- | | |
|-------------|-------------|
| a) 100 sq.m | b) 75 sq.m |
| c) 125 sq.m | d) 90 sq.m. |

GROUP - B

(Short Answer Type Questions)

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

$3 \times 5 = 15$

- Laundry Process and equipment.
- Planned Preventive maintenance.
- Functions of Laboratory Services.
- Security Service.
- Type of Hospital Diet.

GROUP - C

(Long Answer Type Questions)

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

- Define HAI. What are the causes and routes of spread for nosocomial infection ? Discuss briefly about hospital infection control programme. $3 + 6 + 6$

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8. What is a CSSD ? Show diagrammatically the workflow pattern of a CSSD. Discuss the CSSD distribution system.

2 + 7 + 6

9. Discuss the organizational and operational planning of a hospital radiology service.
10. Describe the management of blood bank with special reference to storage of blood, planning and staffing and equipment.
11. Explain in brief the meaning, significance and importance of support and utility service to Health Care Delivery System.

10 + 5
