



Name : .....  
Roll No. : .....  
Invigilator's Signature : .....

**CS/HM/SEM-4/BHM-402/2013**

**2013**

**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) Sister : bed ratio in ward as per Clinical Establishment Act is
- a) 1 : 3                                      b) 1 : 5
- c) 1 : 2                                      d) none of these.
- ii) The percentage of plasma in blood is
- a) 50%                                      b) 55%
- c) 45%                                      d) 60%.
- iii) The most common form of nosocomial infection is
- a) urinary tract infection
- b) surgical wound infection
- c) bacteremia
- d) cutaneous infection.

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- iv) Total waste generated by per bed per day is
  - a) 0.3 kg
  - b) 0.7 kg
  - c) 1.0 kg.
  - d) none of these.
  
- v) NHPD stands for
  - a) Number of Hospitalization Per Day
  - b) Nursing Hours Per Day
  - c) National Health Policy Determinant
  - d) None of these.
  
- vi) 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.
  
- vii) ICD IX edition has classification in
  - a) 1-digit number
  - b) 2-digit number
  - c) 3-digit number
  - d) 4-digit number.
  
- viii) Solarium in a nursing unit is the
  - a) Place for Tb patients
  - b) Place for any infectious disease patients
  - c) Place for enjoyment
  - d) Place for prayer.



- ix) Radiology service is part of
- a) Clinical service                      b) Support service
- c) Utility service                         d) both (a) and (b).
- x) The national standard in use today for the accreditation of medical laboratories is
- a) ISO-15180                                b) ISO 15189
- c) ISO 151892                               d) ISO 2001.

**GROUP – B**

**( Short Answer Type Questions )**

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

2. Nosocomial Infection
3. PACS
4. Office Automation
5. Difference between Support & Utility services in a Hospital.
6. Policies & Procedures of Blood Bank.

**GROUP – C**

**( Long Answer Type Questions )**

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

7. Define Biomedical waste ? Why is safe disposal of BMW important ? Discuss briefly about its collection, packaging & disposal process.

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8. Discuss briefly about the functionaries of Housekeeping department.
  9. What do you mean by security services ? What is the importance of security service in a hospital ? Write in brief about some of the security measures that should be taken in a hospital.
  10. Define HIS. Briefly describe its importance in health care organizations. What are the characteristics of a good HIS ? Name some of the advanced computer applications in the field of health care. 3 + 3 + 4 + 5
  11. Why are laundry services important in hospitals ? Describe the storage conditions of a linen room. Describe the laundry process and the equipment used. 5 + 5 + 5
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