

**MASTER OF BUSINESS ADMINISTRATION
SECOND SEMESTER
HOSPITAL RESIDENCY
MHA - 204**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

Marks: 20

(Objective)

Choose the correct answer from the following:

1 x 20 = 20

- No untreated biomedical waste shall be stored beyond a period of.....hours.
a. 48
b. 24
c. 12
d. 72
- The emergency department of a hospital has the following functions:
a. It attends to patients who can wait for the doctors of their choice
b. It attends to patient 24x7
c. Both (a) and (b)
d. Neither (a) or (b)
- Biomedical Engineering is the application of.....principles and design concepts to medicine and biology
a. Engineering
b. Healthcare
c. Pharmaceutical
d. Research
- A Mock drills in a hospital are held at least.....in a year.
a. Once a month
b. 6 monthly
c. Quarterly
d. 4 times
- A hospital is a complex system of interrelated functions requiring constant movement of.....
a. Goods and services
b. People
c. People and goods
d. None of the above
- PPE stands for:
a. Personal Protective Equipment
b. Protective Preventive Equipment
c. People Protection Equipment
d. None of the above
- The pharmacy department is involved in the design, implementation, and oversight of medication use activities for.....age groups of patients.
a. Senior
b. Different
c. Adult
d. Younger
- A clinical laboratory should be available on a.....basis to provide basic hematologic, chemistry, blood gas, and toxicology analysis.
a. 24 hour
b. 8 hours
c. 12 hour
d. 6 hours

9. The hospital has a.....committee to identify the potential safety and security risks.
 - a. management
 - b. board of directors
 - c. safety
 - d. doctors
10. Which of the following statements is false?
 - a. Information systems will assist patient care providers in the selection of software and related hardware
 - b. Information systems will also provide or assist the patient care providers in arranging computer hardware and software support
 - c. Information system department assists in planning for future applications and technologies that will enhance and significantly expand care providers' use of these systems in order to improve efficiency of care provided.
 - d. Information system department serves as a resource for managers and staff with pay and/or benefit questions.
11. Which of the following is the primary objective of the hospital?
 - a. Run the hospital on ongoing basis
 - b. To render patient care
 - c. To earn profit
 - d. To open multiple branches
12. Nosocomial infection is:
 - a. Infection carried by patient to the hospital
 - b. Infection given to the patient by the hospital
 - c. Infection in our environment
 - d. Infection of the respiratory tract
13. Which of the following is not a medico-legal case:
 - a. Assault and Battery
 - b. Death in the OT
 - c. Undiagnosed Coma
 - d. Patient death due to terminal illness
14. High bed occupancy rate means:
 - a. Higher revenue
 - b. Cross Infection
 - c. Both (a) and (b)
 - d. None of the above
15. The code for cardiac arrest in a hospital is:
 - a. Red
 - b. Pink
 - c. Blue
 - d. Black
16. A patient suffering from severe abdominal pain will be taken directly for doctors' consultation in the.....
 - a. OPD
 - b. Emergency and Casualty
 - c. Private Clinic
 - d. All of the above
17. One of the major route of transmitting cross infection in patients is:
 - a. Unhealthy hand hygiene
 - b. Irregular cleaning of patient room
 - c. Air Pollution
 - d. None of the above
18. As per the Bio-Medical Waste Management Rule, broken glass item will be thrown in which colour bag?
 - a. Red
 - b. Black
 - c. Blue
 - d. Yellow

19. Radioactive waste are collected in:
- a. Lead containers
 - b. Red bags
 - c. White Bags
 - d. Iron containers
20. Which of these is not a PPE?
- a. Gloves
 - b. Spectacles
 - c. Boots
 - d. Skin lotion

(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Explain the roles and responsibilities of various committees in a hospital. 10
2. What is a medico-legal case? Explain with examples and how you will handle medico-legal case in your hospital. 10
3. What is Medical Officer's report and what are list of information included in the Medical Officer's report? 10
4. What is hospital acquired infection? List down the different types of hospital acquired infection and its preventive measures. 2+8=10
5. What do you mean by average length of stay? Calculate the ALOS for the following patient data: 10

Patient	Date of Admission	Date of Discharge
A	2 nd April, 2024	5 th April, 2024
B	3 rd April, 2024	25 th April, 2024
C	5 th April, 2024	5 th April, 2024
D	10 th April, 2024	11 th April, 2024
E	12 th April, 2024	18 th April, 2024
F	15 th April, 2024	25 th April, 2024
G	29 th April, 2024	4 th May, 2024

6. What do you mean by bed occupancy rate? Calculate the BOR for the month of April, 2024 from the data of Amardeep Hospital, a 100 bedded multispecialty private hospital: 10

Patient	Date of Admission	Date of Discharge
A	2 nd April, 2024	5 th April, 2024
B	3 rd April, 2024	25 th April, 2024
C	5 th April, 2024	5 th April, 2024
D	10 th April, 2024	11 th April, 2024
E	12 th April, 2024	18 th April, 2024
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7. What do you mean by hospital census? Explain the various strategies as per the study by Lewis Ruth, Nigel Edwards study 'Improving length of stay: what hospitals can do?' 10
8. Write short notes: (any two) 5×2=10
 - a) Emergency Codes in a hospital
 - b) Terrorist strike
 - c) Fire outbreak in a hospital

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