

Question Paper

Exam Date & Time: 07-Dec-2023 (02:30 PM - 05:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SEVENTH SEMESTER B.TECH END SEMESTER EXAMINATIONS, NOV -DEC 2023

HEALTH CARE MANAGEMENT [BME 4072]

Marks: 50

Duration: 180 mins.

A

Answer all the questions.

Instructions to Candidates: Answer ALL questions Missing data may be suitably assumed

- 1) Explain with the help of a diagram the unidirectional flow of services maintained in CSSD. (3)
 - A)
 - B) Describe the Planning of an X-ray room in a hospital with the help of a diagram. (3)
 - C) Write a note on emergency services in a hospital with specific references to plan a new department and list the equipment's required. (4)
- 2) What is an in-patient ward? What are the different types of ward designs? (3)
 - A)
 - B) Explain the role of Drug therapeutic committee in a hospital? (3)
 - C) Create a biomedical equipment management program for 50 bedded paediatric care hospital. Give a list of essential equipment's required. (4)
- 3) Discuss on the evolution of healthcare in India. How are hospitals classified? (3)
 - A)
 - B) Describe an example of a medical device adverse event. How will you report such an event that has taken place in your hospital? (3)
 - C) How will you establish and maintain radiation safety protocols to protect both patients and staff in a X-ray department. (4)
- 4) Identify and provide examples of unfair trade practices that may harm consumers. How can the Consumer protection Act be applied to prevent and penalize such practices effectively? (3)
 - A)
 - B) Write about the various infection control measures used in a surgical ICU. (3)
 - C) Write briefly on life cycle management of biomedical equipment. (4)
- 5) Classify biomedical waste according to the latest BMW rules in India. (3)
 - A)

- B) What is a medicolegal case? Give a few examples. (3)
- C) Discuss briefly about the components of disaster cycle. What is the importance of triaging in a disaster situation (4)

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