



Institute of Health Management Research

MBA Hospital and Health Management

Batch-26th (2021-2023)

Hospital Management

Second Year, Term 5 End Term Examination, November 2022

HOM-715 Hospital Planning and Facility Management

Time - 3 Hour

MM-50

This question paper contains two printed pages.

Part A

Q1. Answer the following questions by choosing the correct option. All questions are compulsory.

(10X1=10)

- (i) Which of the following units can be outsourced readily?
 - a. CSSD
 - b. Firefighting
 - c. Laundry
 - d. Engineering
- (ii) Burns unit needs to
 - a. Have barrier nursing
 - a. Positive pressure
 - b. Both a and b
 - c. None of the above
- (iii) Which is/are true for criteria for planning the patient housing system
 - a. Ownership and bed-mix of the hospital
 - b. Age and gender distribution
 - c. Socio-economic class based distribution
 - d. All of the above
- (iv) The hospital contractor while constructing at the site uses
 - a. The working drawings
 - b. Design development drawings
 - c. Schematic drawings
 - d. None of the above
- (v) Role of a graphic designer in a hospital project is
 - a. That of a directional graphics (signage) to transmit information visually to the people to move efficiently
 - b. Create hospital logo for corporate image
 - c. Both a and b
 - d. None of the above
- (vi) In a critical care unit, this is not true
 - a. Distance between beds should be 8 feet
 - b. Minimum 150 sq.ft per bed area
 - c. Beds be located away from the wall to give the staff a 360 degree access
 - d. Nurse to patient ratio of 1:5

- (vii) The location of mortuary should ideally
 - a. Be isolated from all other traffics
 - b. Provide easy access for vehicular movement for the deceased body
 - c. Have adequate arrangements for the relatives in keeping with the grace and dignity.
 - d. All of the above
- (viii) For easy movement of the stretcher or bed (on wheels) a minimum width for circulation is
 - a. 8 feet
 - b. 10 feet
 - c. 6 feet
 - d. None of the above
- (ix) Factors influencing planning of operation theater complex is/are
 - a. Number of surgeons and their specialty
 - b. Projection of patient load
 - c. Average time taken for surgery
 - d. All of the above
- (x) In imaging department, electromagnetic shielding has to be provided for
 - a. CT scan
 - b. MRI
 - c. Both a and b
 - d. X-Ray machine

Part B

Q2. Write short notes (with suitable diagrams) on the following.

(3X4=12)

- (a) Planning of an 'Accident and Emergency' department with focus on its location and space layout.
- (b) Planning of a Central Sterile Supply department (CSSD) with focus on its location and space layout.
- (c) Planning an inhouse catering and dietetics department for a 200 bed hospital.

Part C

(4X7=28)

Q3. You have been appointed as a 'Project Team' leader by a private entrepreneur for a 200 bed multi-specialty hospital in a tier 1 city. **(Answer any four of the following).**

- (a) Mention the types of market service you will undertake as part of your market research. Discuss in detail the household survey.
- (b) Enumerate and briefly describe the various cost heads you would consider for financial feasibility of the project.
- (c) Discuss your role as the hospital administrator/CEO
- (d) Discuss the various components of the Maternity and Obstetrics unit. Briefly describe the LDRP model.
- (e) Enumerate the various components of the imaging (radiology) department that you would plan for your hospital. Discuss X-ray units and ultrasound units briefly.