

Roll. No. \_\_\_\_\_



**International Institute of Health Management Research (IIHMR), New Delhi.  
POSTGRADUATE DIPLOMA HOSPITAL AND HEALTH MANAGEMENT  
(Batch 2017-2019)**

**Organization and Management of Clinical Services**

**Module Code: HOM 702**

**Supplementary Examination**

**Time allowed: 3 hrs.**

**Max. Marks: 100**

**LONG QUESTIONS: - (Answer any three—10 marks each)**

1. Discuss the planning and designing parameters of Intensive Care Unit in a multispecialty tertiary care hospital. Discuss in brief the administrative problems of an Intensive Care Unit and suitable measures to overcome them?
2. Discuss the strategies you would employ as a hospital administrator to reduce the incidence and prevalence of Healthcare Associated Infections in the Intensive Care Unit of a multi-specialty hospital?
3. Discuss in detail the challenges associated with the management of operation theatre and the solutions for the same, in terms of its resources, structure and management processes?
4. Discuss in detail the planning, designing and organization of the Out Patient Department of a 200-bedded multi-specialty hospital?
5. As a hospital administrator suggest few real time measures to improve the functioning of an overcrowded emergency department of a tertiary care teaching hospital?

**SHORT QUESTIONS: - (Answer any five—5 marks each)**

1. Day Care Unit- Its organization and functioning?
2. Explain the concept of ZONING in an OT set up?
3. What is Progressive Patient Care?
4. Role of nursing staff in efficient ward management?
5. Manpower planning for an ICU?
6. Role of triage in emergency services?
7. List few common challenges of the OPD of a 500-bedded hospital?
8. Nursing audit?

**MCQs: - (1 mark each, 20 marks)**

1. "Shopping Window" of a hospital is:  
(a) Operation theatre (b) ICU (c) OPD (d) Cafeteria services
2. The four basic zones in an OT are all except:  
(a) Ultra-clean (b) Clean (c) Sterile (d) Disposal

3. The recommended nurse patient ratio in an ICU is:

- (a) 1:4 (b) 1:3 (c) 1:2 (d) 1:1

4. HEPA provides an atmosphere which is:

- (a) 70% particulate free (b) 80% particulate free (c) 90% particulate free (d) 100% particulate free

5. The recommended range of temperature to be maintained in an OT should be:

- (a) 21-24 degree centigrade  
(b) 28-30 degree centigrade  
(c) 11-12 degree centigrade  
(d) 35-37 degree centigrade

6. Which one of the following is not a triage category?

- (a) Green (b) Blue (c) Red (d) Yellow

7. Which of the following is the Nerve Centre of the In-patient ward unit?

- (a) Nursing station (b) Treatment room  
(c) Clean utilization room (d) None of the above

8. What is the full form of HEPA?

- (a) High Efficiency Positive Air (b) High Energy Particulate Air  
(c) Highly Energized Pressure Air (d) High Efficiency Particulate Arrestance

9. What does an Operation Suite consist of?

- (a) Preparation room (b) Scrub & gowning room  
(c) Anesthesia room (d) All of the above

9. What type of pressure should be there in an OT?

- (a) Negative (b) Positive (c) Vacuum (d) None of the above

10. Which of the following is a function of an OPD?

- (a) Route to inpatient administration (b) Care & rehab after discharge  
(c) Health promotion activities (d) All of the above

11. Which one of the following is the objective of an ambulance service?

- (a) Relieve pain & suffering (b) Give First-Aid  
(c) Prevent permanent disability or death (d) All of the above

12. Sound level in OT should be limited to

- (a) 15-25 db. (b) 25-35 db. (c) 35-45 db. (d) 45-55 db.

13. ICU should generally be of:
- (a) 4-5 beds (b) 6-15 beds (c) 16-20 bed (d) 25-30 beds
14. In a hospital the average percentage of ICU beds should be:
- (a) 5-10% of total beds  
(b) 20-30% of total beds  
(c) 40-50% of total beds  
(d) 50-60% of total beds
15. Central corridors in a nursing unit should be at least \_\_\_\_m wide:
- (a) 1.5 (b) 2.5 (c) 3.5 (d) 4.5
16. In a nursing unit, the distance between the centers of adjacent beds should not be less than
- (a) 0.65meters (b) 1.25meters (c) 2.25meters (d) 3 meters
17. The approximate requirement of water/bed/day for a hospital is
- (a) 300 liters (b) 400 liters (c) 500 liters (d) 600 liters
18. The easiest method to encourage infection control in a ward is:
- (a) Hand washing (b) Fogging (c) Brooming & mopping (d) None of the above
19. The old pavilion type of wards was also called:
- (a) Classical Riggs (b) Nightingale (c) Race track (d) Riggs pattern
20. Who all are there in an ambulance team?
- (a) Doctor (b) Paramedic (c) Nurse (d) All of the above

**True or False:-(1 mark each, 25 marks)**

1. The use coefficient of Operation Theatres should be 80-100% (True/False)
2. The electrical switches in OT should be above 1.5meters (True/False)
3. At present sliding doors are preferred over swinging doors in Operation Theaters (True/False)
4. A "lay-up room" is used to prepare trolleys with all the equipment needed for an operation (True/False)
5. Hand washing is one of the most recommended methods of preventing infection in patient care units (True/False)
6. Intensive Care Unit is an equipment intensive and high cost driven area of a hospital (True/False)
7. Isolation rooms for immune-compromised patients should be maintained at positive pressure with respect to surrounding areas (True/False)
8. An ICU of four beds is not economically viable (True/False)
9. Nursing station should be located in a ward in such a way that it can monitor the maximum number of admitted patients (True/False)

10. In an in-patient unit, the area required per bed in a general ward is 7m<sup>2</sup> (True/False)
11. As per WHO, an emergency is defined as a condition determined clinically or considered by the patient or his relative or his representative as requiring immediate medical, dental or allied services failing which may result in loss of life or limb (True/False)
12. The only “perfectly handled” disaster is the one which is prevented (True/False)
13. In an OPD space of about 60 percent of the total is adequate for circulation (True/False)
14. Zones of an OT are classified according to varying degrees of traffic (True/False)
15. Flash sterilization in an OT should be encouraged over regular supply from CSSD (True/False)
16. In an OT, hermetically sealed sliding doors ensure sterilization and correct pressure (True/False)
17. Recommended range of temperature to be maintained in a pediatric OT is 28-30 degree centigrade (True/False)
18. In planning of any patient care unit, design should follow the function (True/False)
19. Re-admission rate is one of the important outcome indicators of an ICU (True/False)
20. ALS is one of the hospital performance indicators (True/False)
21. Look alike sound alike medications should be kept separately in the nursing counters (True/False)
22. Crash cart in the ward to be used only for the emergency purpose and should be replenished each time it is used (True/False)
23. Code Blue is for child abduction (True/False)
24. Negative air-pressure to be maintained in isolation rooms of patients who are open cases of T.B. (True/False)
25. Nursing overs should be given by the patient bed side (True/False)