

**NATIONAL INSTITUTE OF PUBLIC HEALTH TRAINING AND RESEARCH, MUMBAI**  
**Post Graduate Diploma in Hospital Management (PGDHM) Batch: 2023-24**  
**Second Semester Examination**

**PAPER-V**

**Introduction to Health & Hospital Information System,  
Introduction to Computers & Statistics Software, Equipment & Material Management**

Date: 04/03/2024

Total Marks: 100

Time: 02:00 PM to 05:00 PM (03 Hours)

Credit: 7.0

**Section: A**

**Credit: 4.0 / Marks: 50**

**Introduction to Health & Hospital Information System,  
Introduction to Computers & Statistics Software**

**Q: 1) Descriptive Question (Attempt any two) 20 Marks**

- a) What is a Hospital Emergency Preparedness Plan? Why is it necessary for the hospital to implement an emergency preparedness plan or disaster management plan?
- b) What is Medical Audit? What are the prerequisites of it? Discuss steps in the methodology of medical audit.
- c) What is MIS? What are the objectives of MIS? Explain the need and uses of MIS as a Managerial Tool in Hospital Management.

**Q: 2) Write in Brief (Attempt any three) 15 Marks**

- a) Environmental Health Data.
- b) National AIDS Control Programme
- c) Health Indicators
- d) International Classification of Diseases
- e) Vital statistics

**Q: 3) Short Notes (Attempt any three) 15 Marks**

- a) Use of SPSS in Data Analysis
- b) Uses of Artificial Intelligence (AI) in hospitals
- c) Use of Payroll System in HMIS
- d) Average Length of stay of a patient in a hospital.
- e) Salient features of National Health Policy- 2017

**Section: B**  
**Equipment & Material Management**

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**Credit: 3.0 / Marks: 50**

**Q: 1) Descriptive Question (Attempt any two) 20 Marks**

- a) Define Scope, Functions and Objectives of Material Management.
- b) What are the advantages and disadvantages of centralized and decentralized stores?
- c) What are the aims and objective of Inventory Control in hospital? Describe the techniques of Inventory Control in hospital setting.

**Q: 2) Write in Brief (Attempt any three) 15 Marks**

- a) Documents required for import of medical goods.
- b) Purpose of stock verification in a hospital.
- c) What are the stores accounting records maintained in a hospital?
- d) Monitoring of expiry dates and action in a Medical Store.
- e) Importance of equipment management

**Q: 3) Short Notes (Attempt any three) 15 Marks**

- a) Cold Chain Management
- b) Tenders
- c) Drug Licenses
- d) Rules for naming of files
- e) Demand Forecasting

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