

**School of Pharmaceutical Management****MBA Pharmaceutical Management****Batch-15th (2023-2025)****First Year, Term 3 End Term Examinations, April 2024****CC – 636 Digital Health****Time - 3 Hour****Maximum Marks: 50 (Minimum Marks: 20)****Instructions to students:**

- This question paper contains 2 printed pages.
- Don't write anything on the Question Paper except writing your Enrolment No.

Part A**(Maximum Marks: 5)****Q1. Choose the correct option for the following (1 mark each):**

- (a). What does HIE stand for in the context of healthcare?
- (i) Health Information Exchange
 - (ii) Health Information Enhancement
 - (iii) Healthcare Interoperability and Exchange
 - (iv) Hospital Information Exchange
- (b). What is the purpose of a Personal Health Record (PHR)?
- (i) To maintain and control an individual's health information
 - (ii) To exchange clinical information among healthcare systems
 - (iii) To assist clinicians in making clinical decisions
 - (iv) Both (ii) and (iii)
- (c). What does Clinical Decision Support (CDS) involve?
- (i) Interoperability of healthcare systems
 - (ii) Using digital tools and data to assist clinicians in making clinical decisions
 - (iii) Assessing the current enabling environment of digital health
 - (iv) Maintaining and controlling an individual's health information
- (d). What is the National Digital Health Blueprint (NDHB) designed to achieve?
- (i) An architectural vision for digital health.
 - (ii) Promotion of specialized healthcare organizations.
 - (iii) Reduction in the ease of doing business.
 - (iv) Savings from economies of scale.
- (e). What component of remote monitoring technology allows for the collection of real-time physiological data for analysis?
- (i) Electrocardiogram (ECG) machines
 - (ii) Smartphone applications for symptom tracking
 - (iii) Biosensors and wearable devices
 - (iv) Traditional paper-based medical charts

Part B

(Maximum Marks: 15)

Q2. Write short notes on any three of the following:

- (a) SNOMED CT (5)
- (b) The Digital Information Security in Healthcare Act (DISHA) of 2018 (5)
- (c) AI in Healthcare (5)
- (d) Wearable devices and IOT (5)

Part C

(Maximum Marks: 30)

Answer the following, in detail.

- Q3.** What infrastructure elements and model need to be established to provide the telemedicine service in remote Peri urban area? (10)
- Q4.** Explain in detail - Ayushman Bharat Digital Mission. (10)
- Q5.** Describe the National telemedicine system of India -e- Sanjivani. (10)