



School of Digital Health

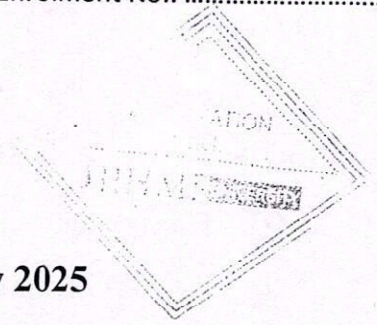
MBA Healthcare Analytics

Batch-01st (2024-2026)

First Year, Term 3, End Term Examinations, May 2025

CC – 617 Digital Health

Enrolment No.:



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 questions (1 mark each):

- a) What is the primary concern related to data privacy in AI for health?
- Enhancing patient recovery rates
 - Incorporating clinical biases
 - Data privacy and confidentiality risks
 - Lack of treatment options after diagnosis
- b) Bias in AI systems can be exacerbated by:
- High-quality data
 - Transparency in AI processes
 - Societal bias and discrimination
 - Limited AI capabilities
- c) What is teletriage?
- A process of consulting with a healthcare provider remotely
 - Determining the urgency of a patient's condition through remote assessment
 - Continuous monitoring of a patient's vital signs
 - Capturing and storing patient information for later review
- d) One of the benefits of eSanjeevani OPD is:
- High transportation costs
 - Access to specialists from home
 - Increased time off work
 - Long waiting times
- e) Which economic challenge is associated with digital health adoption?
- Immediate monetary returns on investment
 - Lack of long-term, sustainable investments
 - Low initial capital requirements
 - Certain return on investment

Part B

(Maximum Marks: 15)

Write Short Notes on Any Three (5 marks each):

- Q2. E-Sanjeevani
- Q3. Future of Digital Health
- Q4. Robotics in Healthcare
- Q5. Remote patient monitoring system

Part C

(Maximum Marks: 30)

Answer any three questions in detail (10 marks each):

- Q6. How can digital health innovations address challenges faced by healthcare systems in rural India, and what potential solutions have been proposed?
- Q7. Compare and contrast HIPPA and General Data Protection Regulation (GDPR)
- Q8. What is EHR and EMR? What are the benefits of electronic records in healthcare compared to paper-based records?
- Q9. Describe the Synchronous and Asynchronous Telemedicine model and their pros and cons in detail

