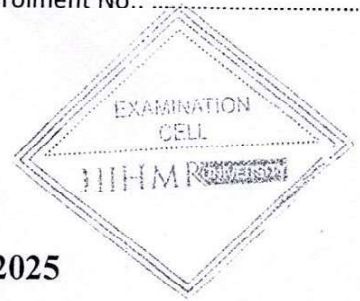




Time - 3 Hour

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 of the following questions (1 mark each):

- How can AI positively impact clinical decision-making in healthcare?
 - By providing virtual assistance to doctors.
 - By providing virtual assistance to doctors.
 - By slowing down the care process
 - By replacing human judgment in healthcare-specific functional areas.
- What is the definition of Digital Literacy?
 - The ability to use digital technology without any guidance.
 - The interest, attitude, and ability to appropriately use digital technology and communication tools.
 - The ability to construct new knowledge without using digital tools.
 - The proficiency in using digital hardware and software.
- What is the primary function of Digital Therapeutics in healthcare?
 - Diagnosing diseases.
 - Treating diseases using software-based interventions.
 - Managing patient data.
 - Providing remote consultations.
- A facilitator presenter in telemedicine is responsible for:
 - Conducting the teleconsultation independently
 - Managing telehealth equipment and presenting the patient
 - Providing non-clinical support only
 - Determining the diagnosis and treatment
- Bias in AI systems can be exacerbated by:
 - High-quality data
 - Transparency in AI processes
 - Societal bias and discrimination
 - Limited AI capabilities

Part B

(Maximum Marks: 15)

Write short notes on any three of the following questions (5 marks each):

- Q2.** Applications of Digital health interventions in COVID-19 pandemic
- Q3.** Clinical Decision Support System (CDSS)
- Q4.** Remote Patient Monitoring system
- Q5.** Hybrid Model in Telemedicine

Part C

(Maximum Marks: 30)

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

- Q6.** Enlist the stakeholders in Digital health and benefits of Digital health solutions to them
- Q7.** How can digital health innovations address challenges faced by healthcare systems in rural India, and what potential solutions have been proposed?
- Q8.** Explain Robotics as a digital health technology and Applications of Robotics in Healthcare
- Q9.** What Is IoT? How Iot based device can help in Telemedicine?

