Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

**SECOND SEMESTER M.Sc. HEALTH INFORMATICS (HEALTHCARE IT MANAGEMENT) DEGREE EXAMINATION -
MAY/JUNE 2022
SUBJECT: HIT5201 - ADVANCED HEALTH INFORMATICS
(2021 SCHEME)**

Marks: 50   **Duration: 120 mins.**

Answer all the questions.

Long Descriptive:

1A)	What is Hospital Information System? Write the objective of implementing Hospital Information System. Briefly describe the qualities and benefits of Hospital Information System. (1+1+4+4 = 10 marks)	(10)
1B)	State the reason for implementing electronic medical record. Discuss the EMR adoption model with suitable example. (3+7 = 10 marks)	(10)

Long Essay:

2)	What is Clinical Decision Support System? Why do we need clinical decision support system in patient care? Draw the detailed architecture of clinical decision support system and briefly explain its component. (1+4+5 = 10 marks)	(10)
3)	Write the reasons for protecting the privacy of health information. Discuss the legal implication in implementing informatics application in healthcare. (4+6 = 10 marks)	(10)

4. **Short Notes:**

4A)	Bottleneck for the growth of Telemedicine in India.	(5)
4B)	Role of health informatics professionals in protecting the privacy of health information.	(5)

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