Post Graduate Diploma in Management (Hospital & Health Management)
PGDM – 2022-24 Batch

Term – 1ˢᵗ Year 3ʳᵈ Term End Examination

Course & Code	:	**Introduction to Health Information Management CC 616**	**Reg. No.**	:
Term & Batch	:	**III, 2022-24**	**Date** :	**12 Apr 2023**
Duration	:	**3 Hrs.**	**Max. Marks** :	**70**

Instructions:
- Budget your time as per the marks given for each question and write your answer accordingly.
- Don't write anything on the Question Paper except writing your Registration No.
- Mobile Phones are not allowed even for computations.

*** *Total Questions should not exceed 20. Below is the example for the question allotment.*

*** *No choice of questions in Part A. In Part B & C, choice can be given.*

Part A: Q. 1 to Q.10 (10 questions*1 marks = 10 marks). *One liner and MCQs based.*

Q1. "Machine learning enhances intelligence of health system," support it with an example?

Q2. Which are the performance parameters for health systems as identified by Murray and Frenk (2000) in their article?

Q3. Which are the laws pertaining to data privacy in India? (Any two names)

Q4. "The role of Artificial Intelligence has increased in health system," identify any two of its applications?

Q5. How blockchain technology can be utilized in Health Information Management?

Q6. Which one of the following is not coming under cybersecurity risk mitigation?

  A) Authentication methods, B) Firewall, C) Coding of patient information, D) Biometric

Q7. Define the term interoperability in context of Health Information Management?

Q8. What are the five functional components of Health Information Management?

Q9. "Emerging technologies can be used to mitigate the risks," prove it with suitable example?

Q10. "Health data can be monetized," validate it with an example?

Part B: Q.11 to Q.15 (4 questions *5 Marks =20 Marks) Attempt any four - *short Notes based*

Q11. Differentiate between the following, taking suitable scenarios and technologies in use? **(2.5*2 marks)**

A) Telehealth and Telemedicine, B). EMR and EHR.

Q12. What is the best approach to understand a health center's information system, please elaborate the steps to be performed with an example?

Q13. As a health IT professional of a district health center, what will be your main priorities and which functional areas you will focus more on, in your district Health Information Management, explain it with suitable examples?

Q14. What are the main types of management information systems, please explain these with suitable examples from health system context?

Q15. Elaborate the roles of health informatics in today's Health Information Management with examples?

Part C: Q.16 to Q.20 (4 questions *10 Marks = 40 Marks) Attempt any four - *Long Notes based.*

Q16. Elaborate with examples, any five (5) purposes of Information technology adoption in a health system?

Q17(a). What do you understand from data overloads in Health Information Management and what are the steps to mitigate it, elaborate with an example? **(5 marks)**

Q17(b). Post pandemic has enhanced the role of digital transformation and thus, impacted Health Information Management, Please explain it with suitable example? **(5 marks)**

Q18(a). What are the major challenges which lead to the adoption of Digital Health under National Digital Health mission-2020? Explain any five (5) objectives with supported technologies? **(5 marks)**

Q18(b). Discuss the purpose of document electronic health record v2.0 by MoH&FW, elaborate any three types with suitable examples of standards along with its purpose? **(5 marks)**

Q19. Explain the following terms in context with Health Information Management, kindly highlight its unique features and a suitable example?

A). Decision support, B). Health data-structure, C). Virtual Reality (VR), D). mHealth. **(2.5*4 marks)**

Q20. "Digital health has its own challenges," please elaborate? Also, how emerging technologies helped in mitigating these, mention any five (5) challenges with suitable mitigation examples?

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