

**POST GRADUATE CERTIFICATE IN MEDICAL
INFORMATICS (PGCMI)****Term-End Examination****December, 2015****MAH-001 : INTRODUCTION TO MEDICAL
INFORMATICS***Time : 3 hours**Maximum Marks : 100*

***Note :** Attempt any **five** questions. All questions carry equal marks. Each question carries 20 marks.*

1. Define Medical Informatics. Discuss the origin of the word Medical Informatics and give an overview of Medical Informatics. 2+3+15=20
2. Enumerate the disciplines within Medical Informatics. Critically discuss the difference between data, information and intelligence. 10+10=20
3. Give an overview of the history of Medical Informatics. Critically discuss the development in the decade ranging from 1950 – 1960. 10+10=20

4. (a) Discuss the issues that must be addressed in building patient record systems. 10
- (b) List the obstacles in implementing technology in health care. 10
5. Explain Telemedicine. Critically discuss the role of Telemedicine in health care and its future prospects. $5+7+8=20$
6. Define Information Toxicity. Discuss in detail the legal and ethical issues involved in Telemedicine. $5+15=20$
7. Define Computer. Critically discuss the classification, functions and advantages of Computers and their usage. $2+3+15=20$
8. Write short notes on any **two** of the following : $2 \times 10 = 20$
- (a) Windows in Digital World
- (b) Web
- (c) Advantages of Computer-based Patient Record
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