

**POST GRADUATE CERTIFICATE IN MEDICAL
INFORMATICS (PGCMI)**

Term-End Examination

00312

June, 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. (a) Which branch of Medical Informatics is directly involved in providing the patients care ? 10
- (b) Enumerate the standard terminologies used for data and information in patient care. 10
2. (a) Briefly discuss the terms Data, Knowledge and Information. 10
- (b) Critically discuss the difference between Data and Information. 10

3. (a) Name the models which impose upon the discipline of Medical Informatics. 10
- (b) Discuss in detail the building blocks model with a suitable diagram. 10
4. (a) Discuss the various timelines in the development of Medical Informatics. 10
- (b) Critically discuss the development from 1960 to 1970. 10
5. Describe the three classes of objects in Medical Informatics. 20
6. (a) Explain the role of Electronic Medical Record in clinical trials. 10
- (b) Enumerate the advantages of Electronic Medical Record. 10
7. (a) Discuss the importance of Electronic Medical Record and Internet for Health Information. 10
- (b) Briefly discuss the use of computers in Biomedicine. 10
8. Discuss in detail the role of computer based Patient Record and its advantages. 20