MAH-001

POST GRADUATE CERTIFICATE IN MEDICAL INFORMATICS (PGCMI)

Term-End Examination

December, 2014

00134

MAH-001 : INTRODUCTION TO MEDICAL INFORMATICS

Time : 3 hours   *Maximum Marks : 100*

Note : *Attempt any **five** questions. All questions carry equal marks.*

1. (a)   What do you understand by the term Medical Informatics ?   *10*

    (b)   Describe in detail the origin of the word Medical Informatics.   *10*

2. (a)   What is Biomedical data ?   *10*

    (b)   Describe in detail how will you store photographs and Bioimaging techniques.   *10*

3. (a)   Name the models which impose upon the discipline of Medical Informatics.   *10*

    (b)   Describe in detail the Application model.   *10*

4. (a) Discuss the various timelines in the development of Medical Informatics. *10*

    (b) Critically discuss the development from 1950 to 1960. *10*

5. (a) Describe in detail the scope of Medical Informatics. *10*

    (b) How will you utilize information as a commodity ? *10*

6. (a) Describe the IT buzzword "Data Mining". *10*

    (b) Describe in detail how information is managed in health care organizations. *10*

7. Discuss in detail the issues that must be addressed in building patient record system. *20*

8. (a) Define telemedicine. *10*

    (b) Critically discuss the role of telemedicine in health care. *10*

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