

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

Term-End Examination

June, 2015

00262

MAH-004 : INFORMATION SYSTEMS – II

Time : 3 hours

Maximum Marks : 100

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

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1. (a) Give an overview of the areas of human activity. 10
 - (b) Describe in detail the stages in human activities. 10
 2. (a) Explain computer. 5
 - (b) Enumerate the various types of computers. 5
 - (c) Discuss in detail the application of computers in healthcare and in society. 10
 3. Discuss in detail the processing and automation of computer applications of level 3. 20
 4. Discuss in detail the process of sending and receiving data with a suitable example. 20

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5. (a) Describe systematic and statistical errors. 10
 - (b) Discuss data precision in detail. 10
 6. Discuss in detail software and hardware components of information processing system. 20
 7. Critically discuss the communication network between Personal Computers (PC's) and Hospital Information System. 20
 8. Enumerate the various modes of communication and discuss in detail the various problems encountered in communication. 20
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