MAH-002

POST GRADUATE CERTIFICATE IN MEDICAL INFORMATICS (PGCMI)

Term-End Examination

June, 2015

00232

MAH-002 : DATA MANAGEMENT

Time : 3 hours   *Maximum Marks : 100*

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

1. (a) Enumerate the types of measures used in Statistics.   *10*

    (b) Discuss in detail Ratio measures.   *10*

2. (a) Explain Mode in Statistics with examples. *10*

    (b) How will you differentiate Mode from Mean and Median ?   *10*

3. (a) What do you understand by Statistical Hypothesis test ?   *10*

    (b) Discuss in detail the uses of student's t-test.   *10*

4. (a) Enumerate the various sampling methods.   *10*

    (b) Discuss in detail cluster sampling.   *10*

5. (a) What do you understand by image informatics ? *10*

    (b) Enumerate the steps involved in image processing. *10*

6. (a) Explain Hospital Information Systems. *10*

    (b) Discuss in detail types and advantages of Hospital Information Systems. *10*

7. (a) Discuss information processing. *10*

    (b) Explain its importance from clinical point of view. *10*

8. (a) Enumerate the different stages of Data security. *10*

    (b) Discuss in detail the various steps to improve Data security. *10*