Name : ……………………………………………………….

Roll No. : ……………………………………………………

Invigilator's Signature : ……………………………………

CS/MHA/SEM-2/MHA-207/2013

2013

HEALTH MANAGEMENT INFORMATION SYSTEM

Time Allotted : 3 Hours   Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following :

                                        10 × 1 = 10

   i)   ……………… is defined as the evaluation of medical care in retrospect through analysis of medical records.
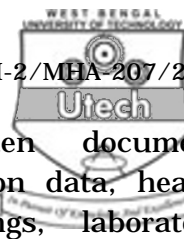
      a)   Medical audit   b)   Mechanical audit

      c)   Medical accounting   d)   Monitoring.

   ii) ………………… when processed meaning fully became information.

      a)   Data   b)   Functions

      c)   Strategic planning   d)   Programmes.

iii) A hsopital inforamtion system which deals with only patient related information is termed as

    a) patient information system

    b) service information system

    c) management information system

    d) treatment information system.

iv) A .... is the congregation of all the items of data that the application under consideration will need.

    a) Database   b) Software

    c) Skinware   d) Medical record.

v) These are a set of interrelated computer programmes, which make the computer hardware work to produce the desired output ?

    a) Software   b) Skinware

    c) Server   d) None of these.

vi) These are computer professionals who work in a computer installation.

    a) Experts   b) Skinware

    c) Programmers   d) Technicians.

vii) ICD stands for

    a) Indian Classification of Disease

    b) International Classification of Disease

    c) Indoor care for Disables

    d) Internal Care of Diabetics.

viii) The medical record documents serve as

    a) a clinical document

    b) an administrative document

    c) a legal document

    d) all of these.

ix) Medical record is the property of

    a) Hospital   b) Patients

    c) Government   d) Doctors.

x) …………… is an orderly written document encompassing the patient's identification data, health history, physical examination findings, laboratory reports and hospital course.

    a) Medical Reports   b) Medical Information

    c) Medical Records   d) Medical analysis.

xi) "Files are arranged sequentially by medical record number and it begins with lowest number and ends with the highest number" is

    a) Numerical Filling system

    b) Terminal-digit filling system

    c) Alphabetic filling system

    d) none of these.

xii) Medical team goes to a particular ward and carries out audit is called

    a) indirect medical audit

    b) on-spot medical audit

    c) direct medical audit

    d) none of these.

GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following.

$$3 \times 5 = 15$$

2. Health System Research

3. Ratio analysis

4. Arrangement of Medical Records in the Medical Record Departments

5. Benefits of Hospital Information System.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 × 15 = 45

6. What is Medical audit ? State the importance of Medical audit in the hospital. Discuss the methodology of conducting of medical audit in the hospital.   2 + 4 + 9

7. What is Medical Record ? Discuss the importance of Personal and Impersonal documents of medical records. State how Medical Records benefit to the various users.

     2 + 6 + 7

8. What is Information ? What are sources of Health Information System ? State how Health Information system benefits in developing the health status of the country ?

     2 + 5 + 8

9. What is computer ? State the various advantages of computerization in the hospital. What are the functions of Hospital Management Information System ?   2 + 5 + 8

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