Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/HM/SEM-4/BHM-405/2013

2013

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 answers for the following :   10 × 1 = 10

    i)   .... are data available within the organization.

        a)   External data

        b)   Internal data

        c)   Information

        d)   None of these.

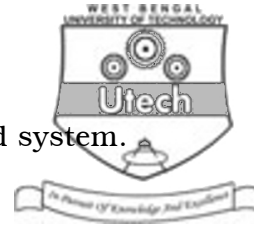   ii)   A drawing of the structure of an organization is called

        a)   Organization structure

        b)   Structural drawing

        c)   Organization figure

        d)   All of these.

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iii) CASE stands for

    a)   Computer Analysis Standards Engineering

    b)   Computer Aided Standards Engineering

    c)   Computer Application Standards Enforcement

    d)   Computer Aided Software Engineering.

iv) The full form of SDLC is

    a)   System Design Life Cycle

    b)   System Development Life Cycle

    c)   Syntax Development Life Cycle

    d)   None of these.

v) In management triangle how many levels are present ?

    a)   2   b)   6

    c)   3   d)   1.

vi) Simon's Model is used for

    a)   Supply-chain Management

    b)   Decision Making

    c)   Human Resource Management

    d)   None of these.

vii) In Which stage the need for a new system is defined in SDLC ?

    a) Coding   b) Testing

    c) Problem Identification   d) None of these.

viii) Information is

    a) data   b) processed data

    c) data about data   d) none of these.

ix) DSS is generally used in a/an

    a) semi-structured environment

    b) structured environment

    c) unstructured environment

    d) perfect structured environment.

x) Radiology Information System was first used in

    a) 1960s   b) 1980s

    c) 1970s   d) 1990s.

GROUP – B
(Short Answer Type Questions)

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

$3 \times 5 = 15$

2. Waterfall model.

3. Structured Programme.

4. Categories of Information system in a Hospital.

5. Difference between open system and closed system.

6. Feasibility study.

GROUP – C

(Long Answer Type Questions)

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

7. What is system analysis ? What are its objectives ? Discuss the various steps in a system analysis.   2 + 5 + 8

8. Define Decision Support System (DSS). Describe the function and limitations of DSS.   3 + 6 + 6

9. What is Hospital Information System ? What are the basic management cycles of a hospital ? Discuss the different types of Hospital Information system in any hospital.

3 + 5 + 7

10. a) What is MIS ? Describe all the characteristics of MIS.

b) What is GDSS ?

c) What is SDLC ? What is Spiral model ?

2 + 5 + 3 + 2 + 3

11. Describe the basic management cycle in hospital. Describe the sources of health information and their need.