Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/BBA(H)BIRM/BSCM/SEM-4/BBA-406/2012

2012

MANAGEMENT INFORMATION SYSTEMS

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 :

$10 \times 1 = 10$

i)   Expert system can be considered as an extended version of

   a)   Executive Information System

   b)   Decision Support System

   c)   MIS

   d)   GIS.

ii) Transaction processing system works in the

   a)   Strategic Information Layer

   b)   Tactical Information Layer

   c)   Operational Information Layer

   d)   Top Layer.

iii) EIS stands for

    a) Expert Information System

    b) Express Information System

    c) External Information System

    d) Executive Information System.

iv) Which one of the following is not a type of information ?

    a) Tactical   b) Statistical

    c) Operational   d) Strategic.

v) System analyst is an

    a) agent of form   b) agent to change

    c) agent to reduce   d) agent to maintain.

vi) A system must be

    a) partial document

    b) semi document

    c) adequately documented

    d) excellent documented.

vii) Primary steps in SDLC is

    a) design study

    b) evolution study

    c) report problem

    d) preliminary investigation.

viii) Waterfall model includes

    a) proposal design

    b) requirement analysis

    c) coding testing

    d) all of these.

ix) A group of related records is called

    a) field   b) file

    c) database   d) none of these

x) UNIX is a
    a) single user OS   b) multiuser OS
    c) both (a) and (b)   d) none of these.

xi) The other name of data processing
    a) Transaction Processing system
    b) Processing system
    c) Decision Support system
    d) None of these

xii) Projections and responses to queries are information output characteristics associated with a/an
    a) DSS   b) ESS
    c) MIS   d) TPS.

GROUP – B

(Short Answer Type Questions)

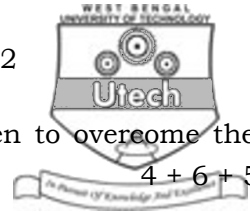Answer any *three* of the following.   3 × 5 = 15

2. How many types of Database Model are available ? What are the advantages of network model and disadvantages of relational model ?   1 + 2 + 2

3. "MIS support various management activities in an organisation." Explain.

4. What are the functions and advantages of DSS ?

5. Differentiate between LAN and WAN.

6. How is Transaction Processing System critical for a business firm ?

GROUP – C

(Long Answer Type Questions)

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

7. a) What are the components of DBMS ?
   b) What are the various threats to information system in an organization ?

    c)   Write down the measures to be taken to overcome the threats to information system.   4 + 6 + 5

8.   a)   Define SDLC.

    b)   What are the major steps of SDLC ? Explain in detail.

    c)   Write a short note on CASE tools.   3 + 7 + 5

9.   a)   What is Networking ?

    b)   What are the different types of Computer Networks ?

    c)   What is Topology ?

    d)   Explain any four types of topology with their diagram, advantages and limitations.   2 + 6 + 2 + 5

10.   a)   Write down the functions of MIS. What are the limitations of MIS ?

    b)   What is information system audit ? Explain.

    c)   "Information — a quality product." Discuss.   5 + 5 + 5

11.   Write short notes on any *three* of the following :   3 × 5

    a)   Data independence

    b)   Functional subsystems of MIS

    c)   Outsourcing

    d)   Network topologies

    e)   Biometric controls.

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