CS/BBA (H)/BIRM/BSCM/Even/Sem-4th/BBA-406/2015

WEST BENGAL UNIVERSITY OF TECHNOLOGY

BBA-406

MANAGEMENT INFORMATION SYSTEMS

Time Allotted: 3 Hours   Full Marks: 70

The questions are of equal value.
The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as
practicable. All symbols are of usual significance.

GROUP A
(Multiple Choice Type Questions)

1. Answer *all* questions.   10×1 = 10

(i) Which of the following is not one of the four basic types of network topology?

(A) Ring   (B) Bus

(C) Hierarchical   (D) Relational

(ii) DSS is used for

(A) structured problems   (B) unstructured problems

(C) both (A) and (B)   (D) none of these

(iii) UNIX is a

(A) single user OS   (B) multi user OS

(C) both (A) and (B)   (D) none of these

4520   1   Turn Over

(iv) Processed data is called

(A) Metadata   (B) Information

(C) Database   (D) None of these

(v) Modem is used to convert

(A) analog signals to digital signals

(B) digital signals to analog signals

(C) both (A) and (B)

(D) none of these

(vi) The minimum error distribution in the period of Software Development is in

(A) Requirement analysis   (B) Coding

(C) Design phase   (D) Testing

(vii) Which basic relational algebra operator does not need the relations to be Union Compatible?

(A) Union   (B) Intersection

(C) Cartesian product   (D) Difference

(viii) Which of the following symbol is used in ERD to represent multi value attribute?

(A) Ellipse   (B) Double ellipse

(C) Dashed ellipse   (D) Double rectangle

(ix) Which of the following is/are business rule constraint(s) in SQL?

(A) Unique key   (B) Primary key

(C) Foreign key   ,   (D) Check

(x) The model which reduces the cost of development of software is

(A) Waterfall model   (B) Prototyping model

(C) Iterative model   (D) None of these

GROUP B
(Short Answer Type Questions)

Answer any *three* questions.   3×5 = 15

2. Define MIS. What is its role in an organization?   5

3. What are the qualities of good information?   5

4. Discuss various topologies of LAN. Discuss structure of TPS   3+2

5. What is the difference between real time processing and batch processing?   5

6. "Information - a quality product" – Discuss   5

GROUP C
(Long Answer Type Questions)

Answer any *three* questions.   3×15 = 45

7. (a) Describe different stages of SDLC   8

    (b) How is Iterative waterfall model different from SDLC?   7

8. (a) What is data dictionary?   4

    (b) Describe different normalization processes in DBMS.   11

9. (a) Draw an ERD for library management system.   8

    (b) What is information audit? Describe advantages of DBMS over file system   3+4

10. (a) State different characteristics of DSS.   5

    (b) Compare EIS with DSS.   5

    (c) State basic features of EIS.   5

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

    (a) ERD

    (b) ERP

    (c) DSS

    (d) Spiral model

    (e) Role of DBA.