Name : .....

Roll No. : .....

Invigilator's Signature : .....

CS/MBA/SEM-2(FT)/MB-205/2012

2012

MANAGEMENT INFORMATION SYSTEM - II

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) An Information analysis tool that involves the automated discovery of patterns and relationships in data warehouse is called

a) data mart b) data mining

c) predictive analysis d) business intelligence.

ii) Which of the following is a strategic decision ?

a) Product decision

b) Plant-location decision

c) Budget allocation

d) Capital-source decision.

iii) "Bullwhip Effect" refers to

a) Information system to coordinate entire business processes of a firm.

b) Information distortion about the demand for a product as it passes from one entity to next

c) Integration of supplier, manufacturer, distributor and customer logistics time

d) None of these.

iv) DML used in DBMS involves

a) retrieval of data from the database

b) insertion of new data to the database

c) deletion or modification of existing data in the databases

d) all of these.

v) A financial information system encompasses

a) reports on labour costs and productivity

b) all business transactions and other economic events and is based on the double entry book-keeping concept

c) cash and investment management, capital budgeting, financial forecasting and financial planning

d) Order processing, inventory control, accounts receivable and accounts payable.

vi) Supply Chain Management is a process of

a) deregulating the operation

b) maintenance of organization

c) supplying goods to the organization

d) implementing and controlling the operation.

vii) Which of the following is used for ERP software evaluation ?

a) The extent to which the development and methodology of the software are object-oriented

b) The ability of the software to handle server and client based data and application logic

c) Ease with which the software can be learned, implemented and taught to employees

d) None of these.

viii) Association rule is used in

a) Data mart b) Data mining

c) DBMS d) ORACLE.

ix) Which one of the following is in proper chronological order of emergence ?

a) MRP-I → ERP → MRP-II → XRP

b) ERP → MRP-I → MRP-II → XRP

c) MRP-I → MRP-II → ERP → XRP

d) ERP → XRP → MRP-I → MRP-II.

x) Product Lifecycle Management (PLM) System is a sub-system of

a) Human Resource Management System

b) Manufacturing and Production System

c) Finance and Accounting System

d) Marketing and Sales System.

xi) "Dicodess" is an example of

a) Data-Driven DSS

b) Model-Driven DSS

c) Communication-Driven DSS

d) Knowledge-Driven DSS.

xii) The command "delete from R" where *R* is a relation

a) deletes the relation from the SQL database

b) deletes all tuples in R but retains the relation R

c) deletes all attributes in R

d) None of these.

GROUP – B

(Short Answer Type Questions)

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

2. What are the generic features of Management Information Systems (MIS) ? How is MIS different from a Decision Support Systems ? 3 + 2
3. What are the key benefits of using DBMS over the traditional file system ?
4. What do you understand by data redundancy in DBMS ? Explain the concepts with relevant examples. 3 + 2
5. Write short note on each of the following : $2 \times 2\frac{1}{2}$
   a) Foreign Key
   b) ETL.
6. How does an ERP system can create value for the organization ?

GROUP – C

(Long Answer Type Questions)

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

7. Explain the concept of a data warehouse. How a data warehouse is different from an OLTP database ? 8 + 7
8. Explain the tangible and intangible benefits of implementing an ERP system.
9. How do executive support systems (ESS) help senior managers make better decisions ?
10. Explain the concepts of data integrity and its benefits in detail. Provide example wherever applicable.
11. Write short notes on any *three* the following : 3 × 5
    a) Data Mining
    b) SQL
    c) BPO
    d) Knowledge management process
    e) Inventory systems.