



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. $3 \times 5 = 15$

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. $3 \times 15 = 45$

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.

