

IX (5 Yr.) – IMBA (DDCE) ISM - 43 (Maj-II) – ERP

2011

Full Marks - 40

Time : As in the programme.

The questions are of equal value.

Answer any FIVE questions.

1. Define ERP. Discuss the basic objective of ERP.
2. What are the major benefits of ERP to firms ? Discuss the various marketing strategies provided by various ERP vendors.
3. What do you mean by Reengineering ? Discuss how re-engineering is helpful to ERP.
4. Briefly discuss Porter's theory of competitive analysis.
5. What is E-CRM ? Listout the components of E-CRM architecture.
6. Define E-KIOSK. Discuss the features of E - KIOSK.

/Cont.

7. What do you mean by information super highway ? Discuss its advantages and disadvantages.
8. What are the scopes of E-Commerce ? Discuss the pre requisites of E-Commerce for conducting E-Business.
9. Write short notes on any TWO
 - a) Inter Enterprise ERP
 - b) EDI
 - c) GAP Analysis
 - d) SAP R/3 Module

2011

Full Marks – 40

Time – As in Programme

The questions are of equal value.

Answer *all* questions.

1. Discuss the characteristics of the database approach and how it differs from traditional file system.

OR

Write short notes

- (a) Relational database structure
 - (b) Data base Administrator.
2. Define an E-R model and explain its concept and component.

OR

Write short notes.

- (a) Primary key
- (b) Composite key

(2)

3. Write down the different pitfalls in Relational database design.

OR

Write short notes :

- (a) 2NF with example
- (b) BCNF with example.

4. What is RAID ? Write down the role of RAID Technology in DBMS.

OR

Is storage media an important component of DBMS ?
Justify.

5. Discuss the reasons for converting SQL Queries in to relational algebra queries before optimization is done.

OR

Write a notes on join operation in query processing.

IX (5Yr) - IMBA-DDCE- 44 (ISM-Maj-3) SAD

2011

Full Marks – 40

Time – As in Programme

The questions are of equal value.

Answer *all* questions.

OR

1. What is a system ? Discuss the different characteristics of a system.

OR

Explain the different Role of a system analyst.

2. Draw a DFD for the employee information system. Make your own assumption about the system.

OR

Write short notes :

- (a) Data Dictionary
- (b) Decision Tree

(2)

3. Discuss the major activities of process development

OR

Explain the different methodologies used in system design.

4. Discuss the design objectives for paper input forms, input screens or web based fill in forms ? Also discuss guidelines for good form design.

OR

Write short notes :

(a) 2NF with Example

(b) 3NF with Example

5. What is the importance of hardware /software selection for a system implementation ? Discuss procedure and major phases in selection.

OR

What do you mean by system testing ? Discuss the different testing techniques.

X-(5Yr.) IMBA - DDCE-51-ISM-Mln-4 (TB)

2012

Full Marks - 40

Time : As in the programme

The questions are of equal value.

Answer any FIVE questions.

1. Differentiate between analog and digital transmission of data. Give their advantages and disadvantages.
2. What is a communication protocol? What is the normal function performed by these protocols?
3. Discuss the various network devices used in a computer network.

[Cont.]

4. What is a world wide web ? Do you think WWW and Internet are same. If not, how does it differ.
5. "Security system is the most important aspect of electronic commerce solution". Justify the statement.
6. When a person uses a money machine to get cash, is this a message authentication, an entity authentication, or both ? Discuss.
7. What do you mean by blue tooth ? Which are the four dimensions found in the expansions of mobile computing ?
8. "Every security system developed by the human mind can be broken by another human mind". What are your views ?

Cont.

9. "The most important aspect of achieving CRM in an organization is marketing automation". Do you agree ? What are your views ?
10. "E-CRM is dictated primarily by the new global electronic economy". Justify these.

2012

Time : As in Programme

Full Marks : 40

The questions are of equal value.

*Answer **all** questions.*

1. What do you understand by time and space complexity of algorithm ?

OR

Write down the characteristics of Recursion.
Write an algorithm that print the Fibonacci series using recursion.

2. What is meant by Abstract Data Type (ADT) ?
Write down its advantages.

OR

Write down the recursive algorithm for Binary Traversal Tree.

3. What is Hashing ? Explain various methods used for hashing.

OR

Explain stepwise how Insertion sort work with an example.

4. What is Graph Data Structure ? Explain the Depth First Graph traversal by using an example

OR

Write short notes on the following :

- (a) BFS
 - (b) Algorithm Design Techniques
5. What is Amortized Analysis ? Explain the potential methods with example.

OR

Write short notes on the following :

- (a) Persistent
- (b) Multipush Operation



HD - 6/3 (100)

(2)

X(5Yr)IMBA-DDCE—
48 - ISM - Maj - 5 (DS)

2012

Time : As in Programme

Full Marks : 40

The figures in the right-hand margin indicate marks.

*Answer any **four** questions.*

1. (a) Distinguish between Procedural and Object
Oriented Techniques. 2
- (b) Describe the characteristics of Object
Oriented Programming. 8
2. Write short notes on the following : 10
 - (i) Token
 - (ii) Expression
 - (iii) Control structure
3. Write a program using class and object to find
out roots of a quadratic equation. 10

4. What do you mean by Overloading ? Explain function overloading and operator overloading through a C++ Programm. 10
5. What do you mean by Inheritance in Object Oriented Program ? Describe different types of Inheritance with example. 10
6. Write a C++ Program to accept data through keyboard and store in a file. Display data/output of the file. 10
7. How do you develop a software using Object Oriented Techniques ? 10

