

(Following Paper ID and Roll No. to be filled in your Answer Book.)

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Int. LLB Examination 2013-2014

(Second Semester)

MIS AND DATABASE MANAGEMENT

Time : 3 Hours]

[Maximum Marks : 100

- Note :-**
- (i) The question paper contains three sections A, B and C.
 - (ii) All sections are compulsory.
 - (iii) Section A carries 20 marks, Section B carries 30 marks and Section C carries 50 marks.

SECTION - A

20×1=20

1. (a) Fill in the blanks : 1×10=10
- (i) The term represents the various types of hardware and software used in the information system.
 - (ii) is a system that helps in taking decisions.

[P. T. O.

- (iii) The most important component of the computer is
 - (iv) E-commerce is a business
 - (v) In DBMS SQL commands is used for
 - (vi) Digital signature is used for
 - (vii) There are three level of management, top level, middle level and
 - (viii) In any organization employee payroll is managed by
 - (ix) When a hacker calls you and uses some story to wangle your password from you, it is called
 - (x) MIS is a management information
- (b) State True / False : 1×10=10
- (i) Capturing data through automated data entry on computers is more accurate because machines make fewer mistakes.
 - (ii) Multiple proprietary systems make business transaction more secure for suppliers and purchasers.

- (iii) The Big Search Engines Act as advertising sites for other companies.
- (iv) Cryptology is used in security systems.
- (v) D. S. S. is used in taking decisions.
- (vi) The goal of a relational DBMS is to make it easy to store and retrieve the data you need.
- (vii) Commands in SQL must be written in upper case.
- (viii) E-Commerce is a business on internet.
- (ix) HRM is a system designed to manage employee.
- (x) MIS is a expert system.

SECTION – B**3×10=30**

Note :- Attempt any three questions out of five questions. All questions carry equal marks.

2. (a) Discuss in detail the role of MIS in the functions of management in any organization.
- (b) What is Marketing Information System? What is the basic information required for marketing information system?

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- (c) Discuss the advantages of DBMS over file system.
- (d) What do you mean by Normalization? Why is it important for a database to be in normalized form? What is the difference between Boyce-Codd Normal Form and Third Normal Form?
- (e) Define and explain offline-storage devices. Elaborate by giving at least four examples.

SECTION – C**5×10=50**

Note :- Attempt any one from each question. Each question carry equal marks.

3. Define management information system. What are the characteristics of an effective management information system?

OR

Differentiate among strategic, tactical and operational categories of information required for different levels of managerial decision making.

4. What do you mean by E-commerce? Differentiate between electronic commerce and traditional commerce.

OR

Explain the concept of a 'System'. How a business organization could be viewed as a system?

5. What is a DBA? Elaborate on the functions of DBA.

OR

What is a Data Model? Discuss about the entity-relationship model, hierarchical model and network model.

6. What is Functional Dependency? Explain its role in DBMS.

OR

Discuss the following :

- (a) Sequential files
- (b) Random files
- (c) Indexed sequential files

7. How could performance improvements be achieved in database? Discuss.

OR

Elaborate on the security issues of database management system.

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