

## DiplETE – CS (OLD SCHEME)

Code: DC07  
Time: 3 Hours

**JUNE 2011**

Subject: BUSINESS SYSTEMS  
Max. Marks: 100

NOTE: There are 9 Questions in all.

- Question 1 is compulsory and carries 20 marks. Answer to Q.1 must be written in the space provided for it in the answer book supplied and nowhere else.
- The answer sheet for the Q.1 will be collected by the invigilator after 45 Minutes of the commencement of the examination.
- Out of the remaining EIGHT Questions answer any FIVE Questions. Each question carries 16 marks.
- Any required data not explicitly given, may be suitably assumed and stated.

**Q.1 Choose the correct or the best alternative in the following: (2 × 10)**

- a. RAID stands for
- (A) Redundant Arrays of Inexpensive Disks
  - (B) Random Access Integrated Disks
  - (C) Recent Advances in Intrusion Detection
  - (D) Read Array Integrated Disk
- b. The layer of MIS which deals with strategic and policy planning is
- (A) Top level
  - (B) Middle level
  - (C) Lower level
  - (D) Higher level
- c. An algorithm is
- (A) a pictorial representation of program
  - (B) a set of logical step to solve the problem
  - (C) set of instructions
  - (D) all of the above
- d. Grid chart is
- (A) tabular method of summarizing the relationship between two sets of factors
  - (B) a pictorial chart
  - (C) graphical method to represent data
  - (D) a flow chart
- e. The function to remove leading and trailing spaces from character expression is
- (A) TRIM( )
  - (B) LTRIM( )
  - (C) RTRIM( )
  - (D) ALLTRIM( )

- f.  $10^{-9}$  is known as
- (A) Nanoseconds (B) Picoseconds  
(C) Microseconds (D) Milliseconds
- g. Foxpro is a/an
- (A) interpreter language (B) compiler language  
(C) assembler language (D) all of the above
- h. Which of the following is not the data type of FoxPro?
- (A) Character (B) Numeric  
(C) RAW (D) Date
- i. The ZAP command in Foxpro is used to
- (A) to mark the records for deletion  
(B) to delete all the records  
(C) to undelete the selected records  
(D) to delete the selected records only
- j. ABC analysis is used in
- (A) Financial control (B) Inventory control  
(C) Stores accounting (D) None of the above

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**Answer any FIVE Questions out of EIGHT Questions.  
Each question carries 16 marks.**

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- Q.2** a. What are the benefits of using flow charts? Give a sample example of a flowchart and explain its symbols. (10)
- b. Define the followings:  
(i) System analysis  
(ii) System design  
(iii) System implementation (2×3)
- Q.3** a. Discuss the difference between sequential access file organization and direct or random access file organization. (10)
- b. Write down the syntax of following operations used in FOXPRO  
(i) Joining two files  
(ii) Opening RQBE (3×2)
- Q.4** a. What are the roles of Database Administrator (DBA)? (10)
- b. How is Data Base Management System different from a File Management System? (6)

- Q.5** a. Define the following function in Foxpro with the help of an example:  
(i) DTOS( ) (ii) DOW( )  
(iii) DTOC( ) (iv) PAD( ) (4)
- b. Discuss the important features of FoxPro Report. (4)
- Q.6** a. Discuss briefly the various commands in FoxPro with proper syntax:  
(i) RENAME (ii) REPLACE  
(iii) RESTORE FROM (iv) RETURN (4×3)
- b. Define indexing with the help of the suitable example. Also discuss how Foxpro supports indexing techniques. (4)
- Q.7** a. List the various steps in creating a FoxPro program file and how do we run this file. (6)
- b. How two database files can be joined to create a new database file? Briefly explain the process of joining. (10)
- Q.8** a. Define multiple database file in FoxPro. How multiple database files are opened? Explain using suitable example. (12)
- b. What is the difference between technical and end user documentation? (4)
- Q.9** a. Discuss Computer based Financial Information System. What is the various financial information system? (8)
- b. Write short note on:  
(i) Auditing of Computer System  
(ii) Data Validation (4×2)