

**Introduction to business System
(CSE-302, Dec-2005)**

Note: Section A is compulsory. Attempt any four questions from Section-B and any two from Section-C.

Section-A

1. a) What do you understand by a memory of a computer system?
- b) Define the terms data, database, DBMS, database catalog.
- c) What are database schemes and instances?
- d) What is physical data independence?
- e) What are delimiters in COBOL?
- f) What is the usage of JUSTIFIED clause in data division of a COBOL program?
- g) Name any two spreadsheet software.
- h) What is the function of Identification Division in a COBOL Program?
- i) What are the different modes of interfacing with FoxPro?
- j) What is software testing?

Section-B

2. Explain the difference between impact and non impact printers with suitable examples.
3. Discuss the responsibilities of DBA in a DBMS environment.
4. Discuss the structure of DATA DIVISION with the help of code fragments.
5. Draw an ER diagram for a banking system. Indicate strong and weak entities in the diagram.
6. Write a program in Fox Pro to demonstrate the use of data functions.

Section-C

7. What is sequential handling? Write a COBOL program to explain the usage of sequential file processing with variable length records.
8. (a) How multiple file handling is achieved in FoxPro? Write suitable code fragments in support of your answer.
(b) Discuss the major features of SAP.
9. (a) What is a data flow diagram? Draw a DFD for a hospital management system. Make suitable assumptions.
(b) List and define Simon's three phase of decision making process.