

FOURTH SEMESTER B.Com. DEGREE EXAMINATION, APRIL/MAY 2005

(Vocational Course)

**Paper XI – ELECTRONIC DATA PROCESSING AND
COMPUTER APPLICATIONS – II**

(Common for Actuarial Science Tax Procedure and Practice, Office Management and Secretarial Practice)

Time : Two Hours

Maximum : 50 Marks

Section A*Answer any five questions.
Each question carries 2 marks.*

1. What are the commands used for line formatting ?
2. Give the BASIC statements used to control the flow of a program's execution.
3. What is meant by user defined function ?
4. What is the action of the 'CALL' statement in BASIC ?
5. What is the function of the 'ENVIRONMENT DIVISION' in COBOL ?
6. What are accomplished by DIMENSION statement in FORTRAN ?
7. What is meant by a ledger ?

(5 × 2 = 10 marks)

Section B*Answer any four questions.
Each question carries 5 marks.*

8. What is meant by importing spreadsheet data? How it is done ?
9. Differentiate between library functions and user defined functions with examples.
10. Draw a flowchart for printing each 2-digit number N, its square N² so on to appear on different lines. Give appropriate headings to each column.
11. What is meant by outstanding statement ? How to prepare that ?
12. Write the syntax of the SORT and MERGE verbs in COBOL.
13. Explain the array definition in PASCAL. What are character arrays and pre-defined arrays ?

(4 × 5 = 20 marks)

Section C

*Answer any two questions.
Each question carries 10 marks.*

14. An office database with details such as name, section, address, code number, date of birth, increment data, etc. is to be created. Using any database package create the database and also give routines for searching with different categories.
15. Explain the difference between procedures and functions in PASCAL. Write examples for both.
16. Explain the steps involved in preparing a Balance Sheet.
17. Expenditure data for 5 different regions are available. The details are the region, manager, number of personal, expenditure head, expenditure codes and the total expenditure, year, month, etc. Write a COBOL program to compare the performance of different regions and also of each region for different months. Assume suitable criteria for comparison.

(2 × 10 = 20 marks)