

Roll No.

Subject Code—2053

P.G.D.C.A. EXAMINATION

(Second Semester)

BUSINESS DATA PROCESSING

MS-09

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions.

1. Explain the concept of file processing. What are the various file processing techniques ? Also discuss the advantages and disadvantages of one over the other. 20

2. (a) Explain the various methods of data collection, data verification, and data checking. 15
- (b) What is difference between verification and validation ? 5

(3-10-6-09)

P.T.O.

3. (a) What is file merging ? Write an algorithm to merge two business files. 15
- (b) Define the following terms : 5
- (i) File matching
 - (ii) Binary search
 - (iii) Literals
 - (iv) Figurative constants
 - (v) Precedence of operators.
4. Differentiate between the following : $5 \times 4 = 20$
- (a) Business data processing and Scientific data processing
 - (b) Top-down approach and Bottom-up approach of structured programming
 - (c) INSPECT and EXAMINE
 - (d) Clause and Verb
 - (e) Master file and Transaction file.
5. (a) Explain each of the Open modes : 10
INPUT, OUTPUT, I-O, EXTEND.
- (b) Explain briefly various levels for COBOL statement available with their importance. 10

6. (a) What are Tables ? How are these defined in COBOL ? Explain with the help of an example. 10
- (b) What are the various conditional statements available in COBOL ? Explain briefly. 10
7. (a) Describe the role of the following in COBOL with example : 15
- (i) FILLER
 - (ii) ROUNDED
 - (iii) VALUE
 - (iv) SIGN
 - (v) JUSTIFIED.
- (b) Explain the role of sorting technique in searching technique. 5
8. Explain the following : 20
- (a) Perform verb
 - (b) Search verb
 - (c) COMP clause.