

Roll No. ....

**Subject Code—8051**

**P.G.D.C.A./M.C.A. EXAMINATION**

(Second Semester)

(Main/Re-appear Batch 2009 Onwards)

(MCA 3 Years)

MS-09

**BUSINESS DATA PROCESSING**

*Time : 3 Hours*

*Maximum Marks : 70*

**Section A**

**Note :** Attempt any *Seven* questions.  $7 \times 5 = 35$

1. What is top-down analysis ? Describe the steps involved in top-down analysis.
2. Explain the working of the following levels :  
77, 01, 02, 66, 88
3. Explain the importance of file recovery procedure.

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4. Explain the action of OPEN and CLOSE statements. Give their formats and illustrate by examples.
5. Differentiate between Data verification and data validation.
6. Define the term File, record, Data, Information, master files, transaction files, back up files with the help of a suitable example.
7. List and explain various features of structured programming with examples.
8. How is Business Data Processing different from Scientific Data Processing ?
9. Differentiate between data editing and data checking.
10. Differentiate between Margin A entry and Margin B entry with suitable examples.

### **Section B**

**Note :** Attempt all the questions.

11. What are the various conditional statements available in COBOL ? Give their syntax and explain their working. 12

*Or*

What are the various file organization techniques ? Explain.

12. Explain the concept of tables in COBOL. Explain the procedure to declare tables in COBOL. 12

*Or*

Write function to search an item from a sorted file using binary search.

13. Explain in detail the working of the following sections :
- (a) Report Section
  - (b) File Section
  - (c) Working-storage Section. 11

*Or*

How are 9, CR, DB, A, &, V, Z, PIC, I, X used in COBOL to justify the data and its output ? Explain with example.