2ω7

Subject Code—7253

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 following :

   (a) Data Validation

   (b) Data Verification

   (c) Report Preparation

   (d) Data Collection.   5×4=20

2. (a) Prepare COBOL expressions for the following algebraic expressions :

   (i) $a + b - c * k$

   (ii) $x/y (u - v)$

(iii) $p + q/t\sqrt{p}$

(iv) mn^{jk-1}

(v) $g-h*x-y^t d^f$.   5×2=10

(b) Differentiate between Master File and Transaction File. Explain the role of these files in file Updation.   10

3. (a) Explain the working of the following clauses :

(i) COMP with different options

(ii) VALUE

(iii) FILLER

(iv) USAGE

(v) JUSTIFIED   10

(b) How are 9, CR, DB, A, &, V, Z, PIC, I, X used in COBOL to justify the data and its output ? Explain with example.   10

4. (a) Differentiate between the following :

(i) Inspect and Examine

(ii) Literals and Figurative Constants

(iii) Verb and Clause

(iv) Margining and Matching.   5×2=10

(b) Explain the purpose of the following OPEN mode :   10

INPUT, OUTPUT, I-O, EXTEND.

5. Write a program on COBOL to search an item from given list of 50 items.   20

6. Explain in detail the working of the following sections :

(a) Report Section

(b) File Section

(c) Working-storage Section

(d) Nested PERFORM.   5×4=20

7. (a) What are the various conditional statements available in COBOl ? Explain. 14

(b) Explain the rules for use of occurs clause in COBOL with suitable example.   6

8. (a) Explain the working of the following COBOL verbs :

(i) SORT verb

(ii) SERACH ALL verb   5×2=10

(b) What features make COBOL structured language ? Explain.   10