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10MCA21

Second Semester MCA Degree Examination, June 2012
Business Data Processing with COBOL

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Discuss various divisions of COBOL with syntax. (10 Marks)
b. What is COBOL coding sheet? Explain briefly. (06 Marks)
c. Give the difference between the literals and figurative constants. (04 Marks)
- 2 a. What is picture clause? Explain its characteristics. (05 Marks)
b. What is level number? Explain the importance of each level number. (05 Marks)
c. Write a COBOL program to find the addition and subtraction of matrices. (10 Marks)
- 3 a. Explain the arithmetic verbs in COBOL with syntax and examples. (12 Marks)
b. Explain rounded and on size error option with an example. (04 Marks)
c. Differentiate between GoTo and perform statements. (04 Marks)
- 4 a. Discuss different forms of perform statements with syntax and example of each. (10 Marks)
b. Explain SORT and MERGE verb. Write COBOL program to illustrate SORT and MERGE verbs. (10 Marks)
- 5 a. Write a COBOL program to create sequential file for the following record format:
Format → 01 Emp-Rec.
 02 Emp-ID PIC X(5)
 02 Emp-name PIC X(25)
 02 Emp-Sal PIC 9(6) v99
Accept N employee details and write them in to file. (10 Marks)
b. What are editing characters? Discuss any five editing characters with example. (10 Marks)
- 6 a. Explain the following clauses with example:
i) SIGN clause; ii) JUSTIFIED; iii) CONSOLE CLAUSE. (06 Marks)
b. What is subroutine? Describe the structure of subroutine with example. (06 Marks)
c. What are the different modes of opening a file in COBOL? Explain. (08 Marks)
- 7 a. Discuss on relative files and indexed sequential file organizations. (12 Marks)
b. Explain the various features of report generator of COBOL. (08 Marks)
- 8 Write a note on:
a. STRING AND USTRING VERBS.
b. SCREEN SECTION.
c. INSPECT VERB.
d. Multidimensional table. (20 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.