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Question Paper Code : 75535

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Second Semester

Information Technology

XCS 126/10677 SW 206 – COBOL AND DATA PROCESSING

(Common to 5 Year M.Sc. Software Engineering/M.Sc. Computer Technology)

(Regulation 2003/2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Meta Data?

2. What is Data Dictionary?

3. What is meant by Data Manipulation?

4. What is a File?

5. What is a Flow Chart?

6. What is meant by Application Programming?

7. What are the applications of COBOL?

8. What is Data Processing?

9. How will you retrieve stored data using COBOL?

10. What is Screen Handling?

PART B — (5 × 16 = 80 marks)

11. (a) (i)   List the characteristics of COBOL.   (8)

        (ii) How will you define data types in COBOL? Illustrate with
              examples.   (8)

                                   Or

    (b) (i)   Explain briefly the basic Input / Output Statements in COBOL. (8)

        (ii) How will you use conditional statements in COBOL?   (8)

12. (a) Discuss the IF-ELSE statement and GO TO statement in COBOL. Give examples. (16)

Or

(b) (i) What is EXIT statement? How it is used? (8)

(ii) What is SET Verb? Explain with suitable examples. (8)

13. (a) Discuss briefly Sequential Files and Index Sequential Files in COBOL Programming. (16)

Or

(b) (i) Write a COBOL program to sort a given set of integers. (8)

(ii) Explain briefly the creation of a file in a COBOL programming. Give examples. (8)

14. (a) What are Structured Programming and Un-Structured Programming? Illustrate with examples. (16)

Or

(b) (i) Explain briefly the concept of Modular Programming. (8)

(ii) What is the need for Testing? (8)

15. (a) Write a COBOL program to prepare a Payroll for an employee in an enterprise. Discuss the processes involved in PAYROLL. (16)

Or

(b) How will you create REPORTS in COBOL programming? With the help of sample codes, illustrate the procedure involved in generating reports in COBOL. (16)

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