

**5216/A16**

**MAY 2011**

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**COBOL PROGRAMMING**

Time : Three hours

Maximum : 100 marks

**PART A — (6 × 5 = 30 marks)**

Answer any **SIX** questions.

1. Define literal and how is it classified?
2. With examples specify a correct format for MULTIPLY statement in COBOL.
3. What are the significances of level numbers in COBOL?
4. Explain the need for data division in COBOL, with typical examples.
5. What is the purpose of GO TO statement?
6. Write a COBOL program to accept five numbers and calculate the sum and average.
7. What are the advantages of Indexed Organization file?

8. Explain WRITE statement in detail.

9. Write the major activities in materials management system.

10. Write short notes on computer based personal information system.

**PART B — (4 × 10 = 40 marks)**

Answer any FOUR questions.

11. Write the syntax of DISPLAY and COMPUTE statements and their usage.

12. Describe in details about any five picture class characters with suitable illustrations.

13. What are the usages of OCCURS clause? Explain with examples.

14. Write a COBOL program to find the sum of 100 odd numbers.

15. Explain in details about relative file organization.

16. Explain Marketing Information System in detail.

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**PART C — (2 × 15 = 30 marks)**

Answer any TWO questions.

17. (a) What are the different sections in the environment division? Write the purpose of each statement.

(b) Explain the general form of EXAMINE verb.

18. Explain the following COBOL verbs with suitable example.

(a) OPEN

(b) DIVIDE

(c) ACCEPT

(d) CLOSE

19. (a) State any five rules relating to specifying the SORT verb.

(b) What are the system inputs to financial management systems?

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