

**1260/A16**

**MAY 2008**

**COBOL PROGRAMMING**

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Time : Three hours                      Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Explain the rules to form identifiers in COBOL.
2. Explain I/O verbs in COBOL with examples.
3. Explain a typical IDENTIFICATION Division with example.
4. Explain various level numbers and their usage.
5. Write any five rules that are to be observed in using OCCURS clause.
6. Describe Inspect Verb with suitable example.
7. Describe a data record with suitable example.
8. Write the syntax of the statements for Sequential file.

9. Explain the applications of computers to Banking and Insurance.

10. Discuss any five application of computers in Science and technology.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

11. Explain various arithmetic verbs with suitable examples.

12. Explain Figurative constants in detail

13. Write a COBOL program to compute sales commission for given sales amount using IF statement.

14. Explain any four forms of PERFORM Statements with suitable examples.

15. Write a COBOL program to sort given set of names in a sequential in to ascending order.

16. Discuss the applications of computers in Project Management.

PART C — (2 × 15 = 30 marks)

Answer any TWO questions.

17. (a) Explain

(i) COMPUTE Verb

(ii) ACCEPT and DISPLAY verbs

(b) Explain the editing characters CR, DB, Z, \$ and + with suitable examples.

18. (a) Write note on SEARCH and INSPECT Verbs.

(b) Suppose a disk file is to be modified in the following manner. Let EMP-No, NAME and BASIC-PAY are the three records in the record. If the values of BASIC-PAY will be replaced by BASIC-PAY plus additional 10% of BASIC-PAY If BASIC-PAY > 800 and <= 1000, the value of BASIC-PAY plus additional 20% of old BASIC-PAY. In other cases the record should remain unchanged

Write a COBOL program to accomplish the above.

19. Write an essay on applications of computers to Finance and accounts.