

DECEMBER 2015

**P/ID 17464/RCP/  
PCAS**

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Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) COBOL program is a self-documented program – Justify.

Or

- (b) What are the different types of literals in COBOL? Explain.

2. (a) Explain with examples the basic input/output statements in COBOL.

Or

- (b) Write notes on program testing.

3. (a) Write the use of REDEFINES clause. Give example.

Or

- (b) Discuss the SEARCH verb in COBOL.

4. (a) What is the need for testing? What are the methods of testing? Explain.

Or

- (b) Give the usage of OCCURS clause with an example.

5. (a) Write notes on SORT and MERGE verbs in COBOL.

Or

- (b) Discuss the concept of master – transaction files.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Write a COBOL program to prepare electricity bill.
7. Explain the arithmetic verbs in COBOL with example.
8. Explain the use of control breaks with example.
9. Explain the concept of data validation.

10. Explain the use of 'RENAMES', 'REDEFINES' and 'PICTURE' clauses.
  11. How do you prepare customised reports using COBOL?
  12. Create an indexed sequential file for students rank list and update their results.
  13. Design a COBOL program for matrix multiplication using arrays.
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