

MAY 2012

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

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

All questions carry equal marks.

1. (a) Write the details given in IDENTIFICATION DIVISION.

Or

- (b) What are the advantages of COBOL language? Discuss.

2. (a) Write a note on the COBOL program compilation and execution process.

Or

- (b) Write the COBOL statement for keyboard input and screen display.

3. (a) Write the structure of REPORT section.

Or

- (b) Write the COBOL statements for relation conditions.

4. (a) How does PICTURE clause support data validation? Discuss.

Or

- (b) Write about subscripting and OCCURS clause for defining tables with an example.

5. (a) Compare the various file organization supported by COBOL.

Or

- (b) Write the Environment Division for indexed files.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

6. Describe the structure of a COBOL program.
7. Write a COBOL program for sorting an array.
8. Write the various COBOL constructs for arithmetic operations.
9. Write about report design with control break statements.
10. Write a note on the clauses in COBOL.

11. How is sorting of tables and files done in COBOL?
Explain.
 12. A company maintains inventory data on magnetic tape. The master file is sorted on part number and has part name, part number and quantity as field for each of the inventory item. There are two types of transactions: receipts and issues. Write a COBOL program to create master file on tape and update it from transactions.
 13. Write about processing multi –dimensional tables.
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