

COBOL AND DATA PROCESSING.

COBOL LANGUAGE

UNIT – I

Introduction to COBOL Language – structure and layouts of COBOL programmes – Identification Division – Environment Division – Data Division – Data Division features – Editing.

UNIT – II

Procedure division statements – OPEN, CLOSE, READ, WRITE, ACCEPT, DISPLAY, MOVE – Computational statements – COMPUTE – IF, GOTO, PERFORM, STOP, ADD, SUBTRACT, MULTIPLY, DIVIDE and others, statements tables handling – special feature of COBOL.

UNIT – III

File Processing, sorting, searching, merging, direct access storage and retrieval, file organization techniques – Examples and good application programmes in COBOL – Report generation in COBOL.

DATA PROCESSING

UNIT – IV

Introduction – Unit recording machines – EDP – Elementary data items – arrays – records – fields – storage devices.

UNIT – V

System Analysis – Basic Steps and techniques of system analysis – System design and implementation – Introduction to RPG.

Books for Reference:

1. A.S.Phillipakis, Leonard J.Kazmia B: Restructured COBOL - McGraw Hill.
2. A.S.Phillipakis & L.J.Kazmia – Information system through COBOL - McGraw Hill Book Co. - Second Edition.
3. N.L.Sards: COBOL Programming with Business applications.
4. V.Rajaraman & H.V.Subas – Computer Programming in COBOL.
5. A. Subramanian & K.S.Menon: System Analysis and Data Processing