

12. (a) Explain in detail the working of the following sections :

(i) File Section

(ii) Working-storage section. $3 \times 2 = 6$

(b) Differentiate between :

(i) COBOL verb and clause

(ii) Merging and Matching. $3 \times 2 = 6$

Or

What are the various conditional statements available in COBOL ? Give their syntax and explain their working.

13. (a) How are 9, CR, DB, A, &, V, Z, PIC, I, X used in COBOL to justify the data and its output ? Explain with example. 6

(b) COBOL is called business oriented language. Justify it. 5

Or

Explain the basic four division of a COBOL's program. 11

J-0118

4

400

Roll No.

Exam Code : J-19

Subject Code—0118

P.G.D.C.A/M.Sc./M.C.A. EXAMINATION

(Main & Re-appear)

(Batch 2009 Onwards)

(Second Semester)

(MCA-3 Years)

BUSINESS DATA PROCESSING

MC-09

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. $7 \times 5 = 35$

1. What is an Index ? What should indexes be used ?

2. Differentiate between top-down and bottom-up techniques.

(2-62-11-0519) J-0118

P.T.O.

3. Define the following with examples :
Records, files, master files, transaction files,
back up files.
4. Differentiate between Margin A entry and
Margin B entry with suitable examples.
5. Explain the working of the following levels :
77, 01, 02, 66, 88
And hence list our Margin A levels and Margin
B levels.
6. Explain the working of the following arithmetic
verbs with examples :
MULTIPLY, DIVIDE
7. Explain the role of following clauses with
suitable examples :
VALUE, SYNC, COMP
8. Define the terms data verification data
validation techniques. Explain the importance
of these *two* technique with suitable example.

9. Arrange the following in the order in which
they may occurs in a COBOL program :
SECTION, DIVISION, SENTENCE,
CHARACTERS, PARAGRAPH, WORDS
10. Explain the action of OPEN and CLOSE
statements. Give their formats and illustrate by
examples.

Section B

Note : Attempt all the questions.

11. Explain the following with the help of
examples : **6×2=12**
(a) SORT verb
(b) SEARCH verb.
- Or*
- Differentiate the following :
(a) INSPECT and EXAMINE
(b) Data verification and data validation
(c) ACCEPT and READ
(d) DISPLAY and WRITE. **4×3=12**