PGDCA (Practicals) / MCA (I Yr) / BCA

Term-End Practical Examination

00938

December, 2010

CS-03P : FILE STRUCTURE AND PROGRAMMING IN COBOL

Time allowed : 2 hours

Maximum Marks : 100
(Weightage : 15%)

General Instructions :

(i) *There are **two compulsory** questions in this paper of **40** marks each. Rest **20** marks are for viva-voce.*

(ii) *Test your programs by running them on 5 to 10 records or data values.*

(iii) *Print the programs and the results, if possible, otherwise write partial input and output on your answer script.*

(iv) *Make and state suitable assumptions, if any.*

1. A file contains the following data of the applicants for the police constable.   **40**

    Name   : 25 Characters

    Birth Date : 08 Digits

    Graduate   : 1 Digits

    Intermediate : 1 Digits

    Height   : 3 Digits

    Weight   : 3 Digits

    Write a COBOL program to sort the file for two categories, as given below

    (i) Graduate and Intermediate

    (ii) Only Intermediate

    according to the following rule :

    • Sort each Category as per ascending order of "AGE. For applicants having same age sort them again as per ascending "Height".

2. Write a program in COBOL that stores values in an array of 5x5 size in a sorted sequence.   **40**
    Also, write program code to search a given value in this array.

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