

PGDCA (Practicals) / MCA (I Yr) / BCA
Term-End Practical Examination
December, 2007

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.

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1. Write a program in COBOL that updates a Master file from the Status file :

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Train Master File

Train_No : 5 digits
Train_Name : 15 characters
Date_of_Journey : 10 digits
Seats_available : 5 digits

Status_Day

Train_No : 5 digits
Seat_reserved : 5 digits
Seat_cancelled : 5 digits

Note : Make and state assumptions, if any.

2. A file contains data about employees of an organisation with the following record description :

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Emp_No : 5 digits
Emp_Name : 25 characters
Date_of_joining : 10 digits
Pay_Scale : 10 digits

Write a program in COBOL to sort this file, first on date_of_joining in descending order and then records having the same date_of_joining are to arranged in alphabetical order of their names.