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

00274

Term-End Practical Examination

June, 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. Write a program in COBOL that updates the information of **ABC transport Ltd.** in master file using a trip transaction file. The structure of master and transaction file of trip is given below : **40**

   Master File :

Vehicle_Code	:	5 Digits
Registration_No.	:	15 Characters
Plan_Code	:	3 Digits
No. of Kilometres	:	10 digits
Last_Date of hire	:	10 Digits
Last_Time of hire	:	4 Digits
Rate of hire	:	4 Digits
Total_Earning	:	15 Digits

   Transaction file of a Trip :

Vehicle_Code	:	5 Digits
Rate of hire	:	4 Digits

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Plan_Code	:	3 Digits
Date of Start	:	10 Digits
Time of Start	:	4 Digits
Date of Return	:	10 Digits
Time of Return	:	4 Digits
Earning	:	5 Digits
Running_Kilometres	:	5 Digits

Make and state suitable assumptions, if any.

2. Write a program in COBOL to simulate a Simple Calculator which performs the following operations : **40**

(a) Addition, Subtraction, Multiplication and Division.

(b) Average of numbers.

(c) Percentage.

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