

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

Term-End Practical Examination

00643

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.*
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1. Write a program in COBOL to generate a report which shows the citywise sales in a month by salespersons in the city, from the following daily transaction file. **40**

Name : Sale - Transaction

| | | |
|------------------|---|---------------|
| City Name | : | 15 Characters |
| City Code | : | 03 Digits |
| Salesperson No | : | 05 Digits |
| Salesperson Name | : | 25 Characters |
| Amount of sale | : | 10 Digits |
| Product_code | : | 10 Digits |

Note the following points while programming :

- **There are 150 cities and in each city 25 sales persons are working.**
- **All sales persons have unique number as sales person No.**

2. Write a program in COBOL to find the top two values stored in a two dimensional array of 4x4 size. Also, find the sum of rows and columns in this array. **40**