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

01497

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.*

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1. Write a program in COBOL that updates the *ABC Medical Store* details in the store   **40**
   master file using a daily transaction file. The structure of master file and transaction
   file is given below :

   Master file :

Medicine - Name	15 Characters
Medicine - Code	5 Digits
Quantity - available	5 Digits
Expiry - date	10 Digits
Expired	1 Character

   Transaction file of day :

Medicine-Code	5 Digits
Sold	1 Character
No. - of - pieces	5 Digits
Expiry - date	10 Digits

   Make and state suitable assumptions, if any.

2. Write a program in COBOL to calculate total number of days in a given month, with number of Sundays in the month. For example, if input is "052010", output should be : **40**

No. of days = 31

No. of Sundays = 5

Also, consider the leap years, in the program.

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