

**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.

1. A file contains data about books of a book store with the following record description : 40

ISBN_No	:	10 digits
Book_Name	:	25 characters
Author_Names	:	50 characters
Publishing_Year	:	8 digits
No_of_copies	:	5 digits
Cost	:	5 digits

Write a COBOL program to sort the file in descending order of Publishing\_Year. For books having same Publishing\_Year, sort them again as per ascending Cost.

2. Write a program in COBOL to create an indexed sequential file from a disk file. The format of the disk file is

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PAN\_No : 10 characters  
Date\_of\_birth : 8 digits  
Name : 25 characters  
Annual\_income : 15 digits

Select the key of the file as PAN\_No. Also, generate a report of all names having same date of birth.

Note : Make and state assumptions, if any.