

**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. Write a program in COBOL that updates a master file from the transaction file : 40

Account Master File

Account\_No : 10 digits  
 Account\_holder\_name : 50 characters  
 Account\_opening\_date : 8 digits  
 Balance : 10 digits

Daily Transaction File

Account\_No : 10 digits  
 Amount : 10 digits  
 Account\_holder\_name : 50 characters

**Note :** Transaction file also contains the Account\_holder\_name which is used for verification, in addition to Account\_No. Make and state assumptions, if any.

2. Write a program in COBOL to find the greatest number stored in a two-dimensional array of size  $4 \times 4$ . Also, calculate the sum of the numbers above the diagonal numbers. 40

