SET - 4

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

Term-End Practical Examination

00802

June, 2011

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 the following data about the applicants for the post of Navy Officer.   **40**

Name	: 25 Characters
Age	: 2 Digits
Height	: 3 Digits
Weight	: 3 Digits
Graduate	: 1 Character (Yes/No)

Write a COBOL program to sort the file as per ascending order of Age. For applicants having same Age, sort them again as per ascending Height.

2.   Write a program in COBOL to find the smallest number stored in a two dimensional   **40**
array of size 4 × 4. Also, calculate the sum of the numbers below the diagonal numbers in the 4 × 4 matrix.