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

Term-End Practical Examination

00922

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.*

1. A file contains the following data about the cricket players : **40**

Name	20 Characters
Age	2 Digits
Expertisation	10 Characters
No. of Runs	6 Digits
No. of Wickets	5 Digits

Write a COBOL program to sort the file as per Expertisation. For applicants having same Expertisation, sort them again based on "No. of Runs" in descending order.

2. Write a program in COBOL to generate Mobile phone bill. The considerations are given below; for the calculation of the bill : **40**

Call Type	Cost /Unit
Local Calls	1 Paisa/Sec
STD Calls	5 Paisa/Sec
SMS	1 Rs. Per SMS
MMS	2 Rs. Per MMS