SET - 2

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

Term-End Practical Examination 00649

December, 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. Write a program in COBOL to generate the telephone bill. Use the following rates, for calculation of the bills. **40**

Minimum rate	: 300 Rs
0 to 200 units	: Rs. 0.60 per unit
201 to 300 units	: Rs. 1.20 per units
301 to 500 units	: Rs. 3.40 per units
501 and above	: Rs. 4.20 per units

These rates are given for local calls, however the STD calls are double of local calls. ISD calls are 5 times the local calls.

2. Write a program in COBOL that stores values in an array (4×4) in a sorted sequence. Also, write the program to search a given value in the array (4×4). **40**