

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

Term-End Practical Examination

00187

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.
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1. Write a program in COBOL to create an index sequential file using medicine_ID as the key field from the following disk file : **40**

File Name : Medicine Organisation : Unsorted sequential file

Fields : Medicine_ID : 5 Digits
 Trade_Name : 20 Characters
 Date of Manufacture : 10 Digits
 Date of expiry : 10 Digits
 Quantity_available : 10 Digits

Note : Make and state assumptions, if any.

2. A field name STRING contains 100 characters. The character (/) and (.) are used to indicate the end of a word and a statement respectively within these 100 characters. Write a COBOL program to find the number of words and the number of statements in the STRING. **40**