CERTIFICATE IN INFORMATION TECHNOLOGY

Term-End Practical Examination

00904

June, 2013

CITL-001(P) : LABORATORY COURSE

Time allowed : 3 hours

Maximum Marks : 50
(Weightage : 75%)

Note :   *There are **two compulsory** questions in this paper of **20** marks each. Rest **10** marks are for **viva-voce**. Make suitable assumptions, if any.*

1.   (a)   Write a program in 'C' language to calculate the factorial of a number given by   **10** user. (Number should be between 5 to 20).

     (b)   Create a workbook in MS-Excel, which includes records of a class i.e. students,   **10** details, name, age, courses, marks obtained in 10th, 12th class. Now, do the following :

       • Find the five students having minimum age (as per date of birth)

       • Find the top five students having highest score in 10th and 12th class.

2.   Write a Java applet program, which calculates the reverse a string as show below.   **20**