

CERTIFICATE IN INFORMATION TECHNOLOGY**Term-End Practical Examination**

01897

June, 2011**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. Write a program in C language using functions, to compute $\frac{X^n}{n!}$ where $0 < n \leq 10$. 20

Make separate functions for calculating X^n and $n!$. The Program must prompt appropriate message to the user in case user has entered invalid value of n.

2. (a) Save and Protect your work book in MS - EXCEL with a password as your enrollment number. Also, give Read-Only permission to other users. 5
- (b) Create a study centres data base with the following fields using MS-Access : 10

Study Centre Code
Study Centre Name
Name of programme
Number of student
Number of teachers
Address
Telephone
Name of Incharge

Add at least three records in each. Create a form consisting of all fields of the study centre.

- (c) Create a Java applet to show your enrollment number and Name on the applet. 5