

CERTIFICATE IN INFORMATION TECHNOLOGY**Term-End Practical Examination****December, 2011****00524****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 find the smallest number among the given set of 'n' numbers. Use array and take input from the keyboard. **10**
- (b) Create a spread sheet in MS-Excel to record the following information about a company. **10**

Emp_Number
Department
Gross pay
Bonus

Add suitable entries for each field to classify the departments based on total salary (gross pay + Bonus) given to its employees in the year 2010 - 2011.

2. Write a Java applet program, which calculate the Simple Interest (SI) in the applet as shown below. **20**

P = R = D =

SI =

$$SI = \frac{P \times R \times D}{100 \times 365}, \text{ where}$$

P = Principle amount

R = Rate of Interest (Annual)

D = No. of days.