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SET - 2

## CERTIFICATE IN INFORMATION TECHNOLOGY

## **Term-End Practical Examination**

## December, 2011

## CITL-001(P) : LABORATORY COURSE

Time allowed : 3 hours

Maximum Marks : 50 (Weightage : 75%)

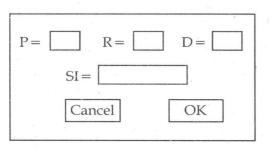
*Note*: There are *two compulsory* questions in this paper of 20 marks each. Rest 10 marks are for *viva-voce*. Make suitable assumptions, if any.

- 1. (a) Write a program in C language to find the smallest number among the given set 10 of 'n' numbers. Use array and take input from the keyboard.
  - (b) Create a spread sheet in MS-Excel to record the following information about a **10** company.

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 20 shown below.



- $SI = \frac{P \times R \times D}{100 \times 365}$ , where
- P = Principle amount
- R = Rate of Interest (Annual)
- D = No. of days.

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