

**CERTIFICATE IN INFORMATION TECHNOLOGY (CIT)**

**Term-End Practical Examination**

**June, 2015**

00163

**CITL-001(P)/S3 : LABORATORY COURSE**

*Time : 3 hours*

*Maximum Marks : 50*

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

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1. Write a program in 'C' language to calculate the factorial of a number using the function named func\_fact. (Number should be between 5 to 20). 20
2. Write a Java applet program, which calculates the reverse of a list of numbers input by user on click of **Reverse** button as given below. 20

The diagram shows a rectangular window with a border. Inside the window, there are two text input fields stacked vertically. The top field is labeled 'List' and the bottom field is labeled 'R\_List'. Below the input fields, there are two buttons: 'Reverse' on the left and 'Cancel' on the right.