

**BACHELOR OF COMPUTER APPLICATIONS (Revised)  
(BCA)**

01003

**Term-End Practical Examination**

**December, 2016**

**BCSL-056(P)/S1 : NETWORK PROGRAMMING AND ADMINISTRATION LAB**

*Time : 1 Hour*

*Maximum Marks : 50*

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**Note :** *There are two compulsory questions carrying 20 marks each. Remaining 10 marks are for viva-voce. Make suitable assumptions, if any.*

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1. Write and run a TCP client and a TCP server program using 'C' language in Unix/Linux as per the following details : 20
  - A TCP client program should send 3 numbers to the server. Server can have maximum 3 clients at a time.
  - The server should send back the largest among the 3 numbers to the respective client.
  
2. Create and configure Samba Server in Linux. Demonstrate the step-by-step procedure. 20