

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

**Term-End Practical Examination**

**December, 2016**

01433

**BCSL-056(P)/S2 : 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 client and a server program using 'C' language in Unix/Linux with the following specifications : 20
  - A UDP client will send a string to the server.
  - The server will check the string, whether it is a palindrome or not. If yes, the server will send reply as "palindrome found" else send the string "no palindrome found" to the respective client.
  
2. Configure a remote server and transfer a directory to the remote server in Linux. Demonstrate the step-by-step procedure. 20