BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

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Term-End Practical Examination

June, 2017

BCSL-056(P)/S3 : NETWORK PROGRAMMING AND ADMINISTRATION LAB

Time : 1 Hour   *Maximum Marks : 50*

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

1. Write and run a TCP client and a TCP server program in 'C' language in Unix/Linux. TCP client will send two text strings to the server i.e., String A and String B. TCP server will concatenate String A and String B and send the result back to the respective client.   *20*

2. Write down the Unix/Linux commands for the following operations (verify the results) :   *20*

   (a) Enable authentication for single-user mode on Linux operating system.

   (b) Find the subnet mask and physical address of a machine in Unix/Linux.