BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

01989

June, 2018

BCSL-056(P)/S1 : 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 using 'C' language in Unix/Linux as per the following details :   *20*

    •   Client program will send three numbers to the server.

    •   Server will return the smallest number to the client.

2. Write the command(s) to perform the following operations :   *20*

    (a)   To enable authentication for single user mode on Linux.

    (b)   Find the Round Trip Time (RTT) of a packet from the server.