

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

01097

Term-End Practical Examination

June, 2018

BCSL-056(P)/S2 : 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 UDP client and a UDP server program using 'C' language in Unix/Linux as per the following details : 20
 - UDP client will send a string to the server.
 - Server will return the ASCII value of that string to the client.

2. Write the command(s) to perform the following operations : 20
 - (a) Print out the header of network packets.
 - (b) List the routers your connection crosses when reaching out to a remote system.
