BACHELOR OF COMPUTER APPLICATIONS (BCA) (REVISED)
Term-End Practical Examination
June, 2025

BCSL-056(Set-II) : 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 the Unix/Linux command(s) to perform the following operations :   20

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

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

2. 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

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