

List of Experiments for Practical Examination 2019-2020

Sr. No	Topic	Area
1	Implementation of Cyclic Redundancy Check	Data Link Layer Programming
2	Implementation of Hamming code for any bit message	Data Link Layer Programming
3	Implementation of Reversal of a string using TCP	Socket Programming
4	Implementation of Reversal of a string using udp	Socket Programming
5	Wireshark-packet analysis -case Study based questions	Wireshark Packet Analysis of IP and Transport Layer
6	Implementation of 2 Router network connection using static and dynamic routing using packet Tracer	Network Design using packet tracer
7	Implementation of 3 Router network in series connection using static and dynamic routing using packet Tracer	Network Design using packet tracer
8	Implementation of 3 Router network in triangular fashion connection using static and dynamic routing using packet Tracer	Network Design using packet tracer
9	Implementation of Virtual Private network using packet Tracer	Network Design using packet tracer
10	Dynamic Network Address Translation implementation	Private-public Network Design using packet tracer
11	Implementation of Subnetworking for Class A or B or C using packet Tracer	Network Design using packet tracer
12	Implementation of Application Layer Protocols like DHCP,DNS,HTTP,FTP,SMTP using packet Tracer	Network Design using packet tracer
13	Implementation of different network topologies using Packet tracer and demonstration of Broadcast domain and collision Domain	Network Design using packet tracer
14	Demonstration of All Router Configuration modes using command line and Setting up router password and recovering of router password using Packet Tracer	Network Design using packet tracer