COMSATS University Islamabad
Abbottabad Campus

Department of Computer Science

Lab Assignment No. 2

Class: BSE-5A

Session: Fall 2023

Course: DCCN

Instructor: Dr. Sardar Khaliq uz Zaman

Submission Deadline

The deadline for the submission of assignment is **Monday December 11th 2023, 11:00 AM** on CU Online. You are instructed to take the screenshots of each activity and insert in a MS word file, write description of each activity. Finally save it as PDF file and upload it on CUonline.

Implement the given scenario in CSICO packet tracer. Use your registration number in the 2nd octet of IP address at each level. After successful implementation.

1. Show inter VLAN routing.
2. Access the web server from each VLAN.
3. Show EIGRP shortest path selection for the web requests or ICMP packets.

VLAN 10
192.168.10.0

VLAN 20
192.168.20.0

Configure EIGRP Routing Protocol on all 3 Routers

30.0.0.0   Serial Link

Router-PT
Router on the Stick

Router-PT
Router1

Gigabit Fiber Link   Gigabit Fiber Link

10.0.0.0   20.0.0.0

172.16.0.0

Router-PT
Router2

Switch-PT
Switch0

Switch-PT
Trunk Switch

Switch-PT
Switch1

Server-PT
HTTP Server

Make a Static Page at this Sever with your Name.
Server IP Address should be 172.16.4.6

PC-PT
PC1

PC-PT
PC2

PC-PT
PC3

PC-PT
PC4