

# Computer Communication and Networks

## Lab Exam

### Submission Date: 21.09.2020

- Submit your lab task with all command's and results screenshots.
- In case of copied assignment, will be marked zero for both submitted tasks.

### Evaluation Tasks in Cisco Packet Tracer

#### Task 1:

1. Construct a network topology having one switch connected with 5 PC's with Fast Ethernet Cable.
2. Assign them proper IP addresses, subnet mask and default gateways.
3. Send message from PC5 to PC1 and demonstrate the simulation.

#### Task 2:

1. Construct a network topology which have one router.
2. Give hostname to the router with your name like "Muhammad ALI"
3. Apply login password as your roll number e.g. "12345" on the router
4. Enable secret password to it
5. Show banner of "NO ACCESS" before login on the router and show the results.
6. Router is connected with 5 computers
7. Also connect two switches with router which is connected with 2 of the computers from one side and 3 computers with other side
8. Assign the computers, switches and routers proper IP addresses, subnet mask and default gateways
9. Configure router using command line interface and ping one PC to other and show the results
10. In the end use "save your configurations" command and show the result.