CSE 3252: COMPUTER NETWORKS LAB

Total Credit	:	01
Total Marks	:	25
Total no of Weeks	:	13
Final Exam	:	17½ (70% of total marks)
Quiz/Viva-voce/CA	:	05 (20% of total marks)
Attendance	:	2½ (10% of total marks)

Course Teacher	:	Dr. ASIF ZAMAN, Professor, CSE RU
Class Room	:	As mentioned in class routine.
Class Schedule	:	As mentioned in class routine.

Weeks	Contents
1	• Building Ethernet cable – straight and crossover cable (for both T568A & T568B standards).
2	• Assigning and checking IP configuration of a machine. • Checking connectivity in between two nodes (using ping command).
3	• Windows file/folder/printer sharing. • Configuring a DHCP server (openDHCP).
4	
5	• Socket programming – interchange message in between two machines. • Socket programming – sending email using SMTP server. • ~~Configuring POP3 email server for windows – hMailServer.~~
6	
7	**Evaluation Exam**
8	
9	• Cisco packet tracer – simulating HUB & Switch operation. • Cisco packet tracer – Creating VLAN in cisco switch. • Cisco packet tracer – Basic router configuration.
10	• Cisco packet tracer – Inter VLAN routing.
11	
12	• ~~Configuring Squid proxy – as transparent/ non-transparent proxy server.~~
13	**Lab Internal Exam**