COMPUTER NETWORKS PROJECT
Spring 2025

Name: _____

Roll Number: _____

(You are required to bring this in hard form when you are scheduled for demo. Do not fill "obtained marks" column)

Sr.	Point	Description	Total Marks	Obtained Marks
1	Topology	Creation of correct topology	10	
2	IP Addressing	Proper assignment of IP addresses to devices and interfaces Adherence to VLSM and subnet mask calculations Efficient utilization of IP address space	40	
3	Routing Protocol Configuration	Correct configuration of EIGRP	15	
		Correct configuration of OSPF	15	
		Correct configuration of RIP	15	
		Proper routing protocol redistribution	30	
		Successful routing between different networks	5	
4	DHCP Server Configuration	Correct configuration of the DHCP server Successful IP address assignment to hosts	20	
5	NAT Configuration	Correct NAT configuration on Router20 and Router8 Successful NAT translation for private IP addresses	30	
6	ACL Implementation	Accurate ACL creation and application Effective restriction of access to the web server for specified devices	30	
7	Email Configuration	Correct SMTP server configuration Successful email communication between host	10	
8	FTP Configuration	Correct FTP server configuration Successful upload of files ONLY from the allowed hosts.	10	
9	Documentation	Clear and concise documentation of the configuration Proper labeling of devices and interfaces Detailed explanation of the design and implementation	20	
		Grand Total:	250	