

United College of Engineering and Research, Prayagraj
Department of Computer Science and Engineering

Computer Network (KCS-603)

Assignment-3

Q. No.	Question	CO	Bloom's level
1.	Perform the subnetting of the following IP address 160.11.X.X. Original Subnet mask 255.255.0.0 and number of subnet is 6.	CO3	L3
2.	Given an IP address 180.25.21.172 and the subnet mask 255.255.192.0, what is the subnet address?	CO3	L2
3.	What is count-to-infinity problem?	CO3	L2
4.	Define routing. In what way it is different from switching?	CO3	L2
5.	What is IP addressing? How it is classified? How is subnet addressing is performed?	CO3	L2
6.	Find the class of each address a) 140.213.10.80 b) 52.15.150.11	CO3	L2
7.	What is congestion? Name the techniques that prevent congestion.	CO3	L1
8.	With the given IP-address, how will you extract its net-id and host-id?	CO3	L2
9.	Describe the problem of count to infinity associated with distance vector routing technique.	CO3	L2
10.	Given the IP address 180.25.21.172 and the subnet mask 255.255.192.0, what is the subnet address?	CO3	L2