

# LAB 6 : Tutorial

## IP Address and Subnetting

### Question 1

Which class of IP address provides a maximum of only 254 host addresses per network?



### Question 2

List and briefly explain the THREE (3) forms of IPv4 communication.



### Question 3

A router outside the organization receives a packet with destination address 10.20.30.40 /9. What is the network and broadcast address for the destination address?



### Question 4

A packet with destination address 201.0.102.62 /30. What is the network and broadcast address for the source address?



### Question 5

Given an IP address for Web Server owned by XYZ enterprise is 190.1.33.91 with Subnet Mask 255.255.252.0. Find the network and broadcast address on which this IP address is located.

