

Department of information technology Network Management

Sneet 2
1. Express 145.32.59.24 in binary format and identify the address class:
2. Given the address 23.56.7.91 and the default class A mask, find network address (Subnet).
3. We have the following network 192.168.10.0 and we need to divide using the subnet mask 255.255.255.224(/27). Find the following.
a. number of subnets.b. Number of host per subnetc. Subnets address
4. Assume that you have been assigned the 200.35.1.0/24 network block. Define an extended-network-prefix that allows the creation of 20 hosts on each subnet.
a. What is the maximum number of hosts that can be assigned to each subnet?
b. What is the maximum number of subnets that can be defined?

c. List range of host addresses that can be assigned to Subnet (200.35.1.192/27) d. What is the direct broadcast address for subnet 200.35.1.192/27?				