Q1:- Write the IP address 222.1.1.20 mask 255.255.255.192 in CIDR notation.

Q2:- Write the IP address 135.1.1.25 mask 255.255. 248.0 in CI DR notation.

Q3:- You have been allocated a class C network address of 211.1.1.0 and are using the default subnet mask of 255.255.255.0 how may hosts can you have?

Q4:- Subnet the Class C IP Address 195.10.10.0 So that you have 10 subnets each with a maximum 12 hosts on each subnet. List the Address on host 1 on subnet 0,1,2,3,10.

Q5:- Subnet the Class C IP Address 195.11.1.0 So that you have at least 2 subnets each subnet must have room for 48 hosts. What are the two possible subnet masks?

Q6:- We have a big single network having IP Address 203.1.3.0. We want to do sub-netting and divide this network into 5 subnets. Calculate the IP addresses of the first and last hosts. Also calculate the IP addresses of the first Network ID and its corresponding Broadcast ID.

Q7:- Suppose a network with IP Address 190.16.0.0. is divided into 2 subnets, find number of hosts per subnet.

Also, for the first subnet,

find-Subnet Address

First Host ID

Last Host ID

Broadcast Address