**Week 0 & 1**

1. What is internet?
2. Write down the similarity and difference between OSI and TCP/IP model.
3. Explain the utility of layered network architecture.
4. Find the net id and the host id of the following IP addresses.

1. 19.34.21.5

2. 220.34.8.9

1. Difference between IP address and MAC address.
2. State the advantage of IPV6 over IPv4.
3. What do you mean by a Private address? What is NAT?