

Name: Devansh Srivastava

Registration No:21BCE0527

Network Training Programme

Module 5

Q6. You are given three IP addresses: 10.1.1.1, 172.16.5.10, and 192.168.1.5.

Task: Identify the class of each IP address (Class A, B, or C). What is the default subnet mask for each class?

IP Address: 10.1.1.1:

This IP address is of Class A.

The default subnet mask for Class A is 255.0.0.0.

The range of Class A IP addresses is 1.0.0.0 - 126.255.255.255.

IP Address: 172.16.5.10:

This IP address is in Class B.

The default subnet mask for Class B is 255.255.0.0.

The range of Class B IP addresses is 128.0.0.0 - 191.255.255.255.

IP Address: 192.168.1.5:

This IP address is of Class C.

The default subnet mask for Class C is 255.255.255.0.

The range of Class C IP addresses is 192.0.0.0 - 223.255.255.255.