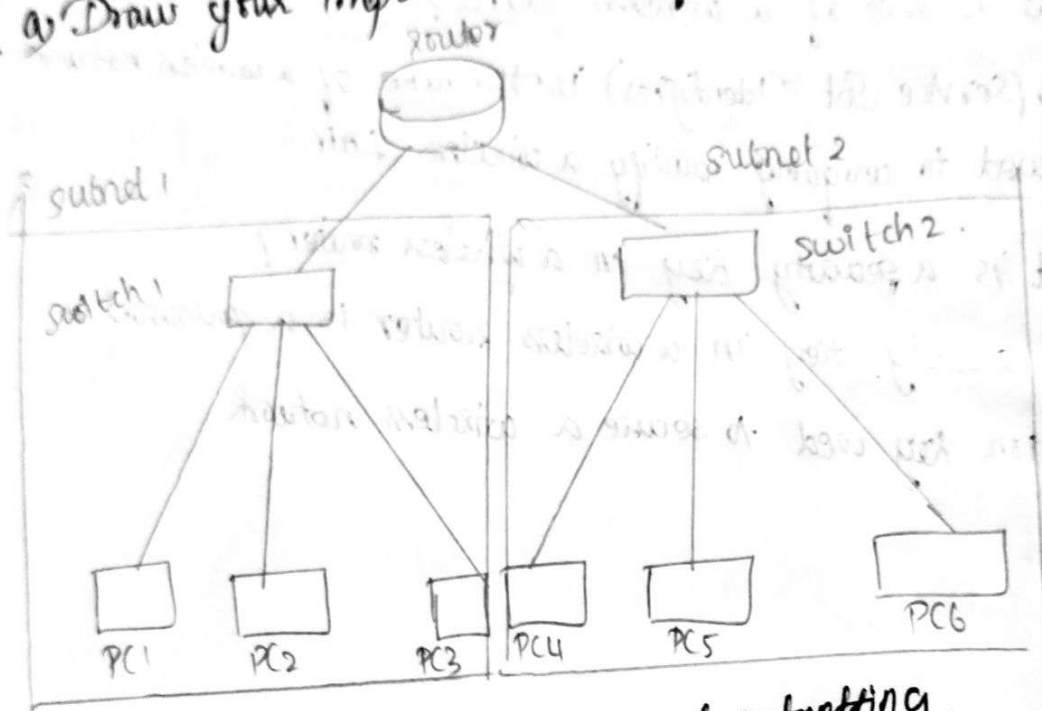Exp no: 9

SUBNETTING IN CISCO PACKET TRACER

AN:

Implementation of subnetting in cisco packet tracer simulator.

Student Observation Questions:

a) Draw your implementation of subnetting.

b) Write down your understanding of subnetting.

Classless IP subnetting is a technique that allows for more efficient use of IP addresses by allowing for subnet masks that are not just the default masks that are not just the default masks for each IP. This mean that we divide our IP address space into smaller subnet, which can useful when we have a limited no of IP addresses but need create multiple networks

Subnetting is useful when we have a limited no. of IP address, but need to create multiple networks. This also enhance security.

Result:

Thus, the subnetting has been implemented in cisco packet tracer and the output is verified.