



COMSATS University Islamabad
Sahiwal Campus
(Department of Computer Science)

Assignment # 4

Subject: Computer Networks

(Max. marks= 5)

Q 1

How can NAT help in address depletion?

Q 2

What is the mask in IPV4 addressing? What is the fault mask in IPV4 addressing?

Q3

Using the IPV4 addressing scheme, an ISP is granted a block of addresses starting with 120.60.4.0/18. The ISP wants to distribute these blocks to 1150 customers.

The first group has 350 medium-size businesses; each need 16 addresses and the second group have 800 small businesses; each needs 8 addresses. Design the IP addresses sub-blocks.