



Subject: CN (CSC503)_ SH25		SEM-V	
Assignments 02		Date of Submission_9/10/25	
Sr. No.	Questions	CO	BL
1	Give the difference between open loop congestion control & close loop congestion control.	CO5	2
2	Explain link state routing with example.	CO4	2
3	Describe Explain Token & Leaky bucket algorithms	CO4	2
4	Explain a three way handshake in TCP.	CO5	2
5	classify various DNS system.	CO6	2
6	Applying the classless addressing & solve An ISP is granted a block of addresses starting with 150.80.0.0/16 (65536) addresses . The ISP needs to distribute these addresses to 600customers as follow i) The group has 200 customers, each needs 128 addresses. ii) The group has 400 customers, each needs 16 addresses. Design the sub blocks and find out how many addresses are still available after these allocation.	CO4	5