United College of Engineering and Research, Prayagraj
Department of Computer Science and Engineering

Computer Network (KCS-603)
Assignment-4

Q. No.	Question	CO	Bloom's level
1.	Enumerate how the transport layer ensures that the complete message arrives at the destination and in proper order.	CO4	L2
2.	Explain the three way handshaking protocol in establish the transport level connection.	CO4	L3
3.	Explain about the TCP header with header diagram and working of TCP protocol and differentiate between TCP and UDP with frame format.	CO4	L2
4.	Explain TCP congestion control algorithm in internet. What is TCP segment header? Also discuss TCP connection management.	CO4	L2
5.	The following is the dump of a TCP header in hexa decimal format: 05320017 00000001 00000000 500207FF 00000000 (i) What is the sequence number? (ii) What is the destination port number? (iii) What is the acknowledgment number? (iv) What is the window size?	CO4	L3
6.	How does transport layer perform duplication control?	CO4	L2
7.	What are the problems for full implementation of voice over IP.	CO4	L1
8.	What do you understand by Quality of service, parameters? List various Quality of service parameters.	CO4	L2
9.	Provide few reasons for congestion in a network.	CO4	L2
10.	What are the services of Transport Layer?	CO4	L2