

Computer Networks (MC305)

ASSIGNMENT-II

1. State the advantages of classful addressing. **[CO3]**
2. If 1 of the address of the block is 140.15.89.97/26 and this block is divided into 4 equal subblocks, calculate the range of the block and the range of the subblocks. **[CO3]**
3. Define Fragmentation offset. **[CO4]**
4. Explain three-way handshaking technique. **[CO3]**
5. Define datagram socket and socket address. **[CO3]**
6. What are the functions of MAC sublayer? **[CO3]**
7. Describe various Application layer features. **[CO3]**
8. If a network consists of 8 subnetworks, then identify the subnet addresses for the given IP address: **[CO4]**
 - a. 182.270.118.155
 - b. 182.270.189.23
9. Write a short note on ICMP. **[CO4]**
10. Explain the TCP header. **[CO3]**