

**Computer Networks (MC308)**

**ASSIGNMENT-II**

1. State the disadvantages of classful addressing.
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.
3. Define Fragmentation offset.
4. Explain three-way handshaking technique.
5. Define datagram socket and socket address.
6. What are the functions of MAC?
7. Describe various Transport layer features.
8. If a network consists of 8 subnetworks, then identify the subnet addresses for the given IP address:
  - a. 182.270.37.102
  - b. 182.270.118.155
  - c. 182.270.189.23
9. Write a short note on IGMP.
10. Explain the UDP header.