



### SECTION-B

2. Explain in detail the functions of following OSI layers.
  - a) Data Link Layer
  - b) Transport Layer
3. Write a detailed note on CSMA/CD.
4. Explain in detail about RARP.
5. Write a detailed note on Leaky Bucket algorithm.
6. Explain in detail about firewalls.

### SECTION-C

7. Write a detailed note on Transmission Media.
8. Write a detailed note on Transmission Control Protocol.
9. Write a detailed note on following in reference to application Layer: (3,3,4)
  - a) Domain Name Space(DNS)
  - b) TELNET
  - c) SNMP

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**