

- b) Describe about Border Gateway Protocol. (BGP). 6
7. What are the three different phases of mobile host in mobile IP Explain with scenarios. 13
- OR**
8. a) Explain inefficiency in mobile IP. 5
b) Explain MOSPF (Multicast open shortest path first) in detail. 8
9. a) Explain UDP packet (Datagram) header format. 6
b) Explain how the connection establishment and termination happen in TCP. 8
- OR**
10. a) Explain Flow control mechanism of TCP with neat diagram. 8
b) What are the special features of UDP? Discuss the message queuing designed in UDP. 6
11. a) Give communication between POP3 and IMAP4. Describe push pull server concept. 6
b) Discuss various types of records in DNS. 7
- OR**
12. a) Explain DHCP in detail with state transition diagram. 7
b) Write short note on 6
i) SMTP
ii) MIME
