CS-8201 B.E. VIII Semester Examination, June 2015

Time: Three Hours   network management   Maximum Marks: 70

Note:Attempt one question from each unit. Each unit carry equal marks.

UN1T-I

1. a) What are the goals of Network Management ? Discuss Network Management architecture. 7

b) What is the purpose of SNMP in network management explain SNMP operations. 7

OR

2. a) Write a short note on Network Management Configuration. 7

b) Describe the various issues related to measuring network performances. 7

UNIT- II

3. a) What is Remote Monitoring? With a neat diagram explain the network configuration with

RMONS. 7

b) Write a brief notes on DM3 Browser. 7

OR

4. a) What is Desktop management? Explain Desktop management Interface. 7

b) Write a brief notes on Management Information Base (MOB). 7

UNIT-III

5. a) Let IP address 200.210.60.76/28, find the subnet mask subnet Id, broadcast address and also

find total number of subnet and total number of host irfeach subnet. 7

b) "TCP is a connection - Oriented, reliable protocol". Justify the statement. 7

OR

6. a) Explain RARP packet format? What are the alternative solution of RARP? 7

b) Explain the similarities and differences between ARP and RARP. 7 UNIT-IV

7. a) What is IP routing? Explain, how Indirect routing is different from Direct routing? 7

b) BGP is also distance vector protocol. How is it different from RIP? 7

OR

8. a) What is VPN and why is it needed? Discuss VPN host management in brief. 7

b) Write the difference between Interior and Exterior Routing. 7

UNTT-V

9.a) What is the significance of the "Time to live" value in an IP header? 7

b) What is SMTP? What is user agent and message transfer agent in SMTP? 7

OR

10. a) How is "error control" managed by TCP? Explain through illustration. 7

b) Write a brief notes on FTP and X-window system protocol. 7