

6



Jaya Group of Institutions

4th SEM- B.E

INTERNAL ASSESSMENT -2(MODEL EXAMINATION-2)

Sub Name : Computer Networks

Date : 11.03.2015

Sub Code : CS 6551

Branch : CSE

Duration : 180 Minutes

Max Marks: 100

PART-A(10*2=20) Answer all the Questions

1. What is meant by Routing?
2. List out the advantages of RIP over OSPF.
3. Differentiate Switch Circuit and Packet Switching?
4. What is Autonomous System? Write down its types.
5. What is Reliable flooding?
6. Differentiate TCP and UDP.
7. What is Psudo Header?.
8. What is meant by Congestion Control?
9. What is Qos?
10. What is AIMD?

PART-B(5*16=80) Answer the Questions as per the choice

11(a)(i) Describe the Distance Vector routing with example.(8)

(ii) Explain in detail about the working procedure of Routing information protocol and also discuss the packet format.(8)

Or

11.(b) Discuss in detail about Open Shortest Path First with neat diagram.(16)

12.(a) Write short notes on (i) BGP (8)

(ii) Multicast Addressing (8)

Or

12.(b) Describe in detail about the IPv6. (16)

13.(a) Discuss in detail about the Multicast routing protocol. (16)

Or

13. (b) Explain (i) TCP header format. (10)

(ii) UDP header format.(6)

14.(a) How the Congestion control is achieved in TCP, explain in detail. (16)

Or

14.(b) Discuss in detail about the retransmission techniques used in Transport Layer.(16)

15.(a) Explain about congestion – Avoidance Mechanism in detail.(16)

Or

15.(b) (i) Explain about the Quality of service in transport layer with its application requirements.(8)

(ii) Discuss about the TCP Connection Management.(8)
