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Anna University Exams Nov/Dec 2015 – Regulation 2013
Rejinpaul.com Unique Important Questions – 5th Semester BE/BTECH
CS6551 – COMPUTER NETWORKS

UNIT I

1. Explain in detail about the various layer of OSI model and functions in detail with neat diagram
2. Elaborate the various issues in the data link layer
3. Explain in detail about the following(a) checksum (b) CRC (c) VRC (d) LRC [kindly look into problems]
4. Explain in detail the sliding window protocol

UNIT II

1. Explain wireless LAN in detail with neat diagram
2. Discuss CSMA/CD protocol in detail and comment on its performances for medium access
3. Explain the properties of Ethernet 802.3 with necessary diagram
4. Write a short notes on ARP and DHCP

UNIT III

1. Discuss in detail about Distance vector routing protocol with examples
2. Discuss IP addressing methods in detail and Explain about IPv6 Protocol header in details and explain them
3. Discuss in detail about RIP and OSPF protocol with necessary diagram

UNIT IV

1. Explain how congestion control is achieved in TCP, discuss various mechanism involved
2. Explain TCP in detail with neat architecture diagram
3. Explain in detail about a congestion avoidance algorithm.
4. Explain UDP and its packet format

UNIT V

1. Explain the SNMP in detail
2. Discuss (a) DNS (b)HTTP
3. Discuss briefly about Electronic Mail (MIME, SMTP and IMAP).

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Questions Are Expected for University Exams This May or may Not Be Asked for Exams

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