COMPUTER NETWORKS

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PREFACE

Computer Networks emphasis on Fundamental concepts and layers in network.

This book divided into five units.It also contains question bank with two marks and 14 marks.

Unit 1:

This unit introduces the computer fundamentals. It also discuss about the topologies, protocols and physical layer.

Unit 2:

This unit elaborates the data link layer, error correction and detection, Media Access, switching and bridging.

Unit 3:

This unit introduces the Logical addressing, IP, CIDR, ARP, BOOTP DHCP, ICMP, RIP, OSPF, BGP, IPv6, DVMRP, PIM.

Unit 4:

This unit focuses on TCP, UDP, SCTP, Congestion control, DECbit, RED, QoS.

Unit 5:

This unit focuses on SMTP, POP3, IMAP, MIME, HTTP, Web Services, DNS, DDNS, TELNET, File transfer Protocol, SNMP-Cryptography, Basic concepts.

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