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Unit I

Chapter 1: Physical Layer

1-1 to 1-83

Syllabus: Introduction of LAN; MAN; WAN; PAN,
Ad-hoc Network, Network Architectures: Client-Server;
Peer To Peer; Distributed and SDN, OSI Model, TCP/IP
Model, Topologies: Star and Hierarchical; Design issues
for Layers, Transmission Mediums: CAT5, 5e, 6, OFC and
Radio Spectrum, Network Devices: Bridge, Switch, Router,
brouter and Access Point, Manchester and Differential
Manchester Encodings; IEEE802.11: Frequency Hopping
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Unit V

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