

# Abbreviation of chapter 1

- **ISP RFC DSL UTP STP HFC TP FDM TDM OSI/RM PDU, FTTH**
- **end systems, host, transmission rate , protocol, distributed applications, socket interface, clients , servers, data centers, physical medium, guided media , unguided media, shared medium, router, store-and-forward transmission, queuing delay, routing protocol, circuit switching , packet switching, circuit, end-to-end connection, bandwidth, nodal processing delay, queuing delay, transmission delay, propagation delay; nodal delay, traffic intensity, instantaneous throughput, average throughput, bottleneck link, Protocol Layering, service model, protocol stack, top-down approach, message, segment, datagram, frame, Encapsulation**