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Computer Networks PYQs Hindi Videos

- 01 Types of communication channels in computer networks simplex half duplex duplex in Hindi video
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- 05 Delays in computer networks transmission propagation queuing processing delay in Hindi video
- 06 What is Queuing model, Little's theorem, Queuing system in Hindi video
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- 12 IP address in Hindi | Subnet, Default, preferred, alternate IP addresses in Hindi video

References

1. Andrew S. Tanenbaum, David J. Wetherall, "Computer Networks" Pearson Education.
2. Douglas E Comer, "Internetworking WithTcp/Ip Principles, Protocols, And Architecture", Pearson Education
3. KavehPahlavan, Prashant Krishnamurthy, "Networking Fundamentals", Wiley

Publication.

4. Ying-Dar Lin, Ren-Hung Hwang, Fred Baker, "Computer Networks: An Open Source Approach", McGraw Hill.