**Computer Network Notes**

**Unit-I Fundamentals of Computer Network**

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| **Topic** | **Resource** |
| Definition | [Link](https://www.javatpoint.com/computer-network) |
| Network Devices | [Link](https://www.javatpoint.com/computer-network-components) |
| Network Topologies | [Link](https://www.javatpoint.com/computer-network-topologies) |
| Types of Network | [Link](https://www.javatpoint.com/types-of-computer-network) |
| Ad-Hoc Network | [Link](https://www.geeksforgeeks.org/introduction-of-mobile-ad-hoc-network-manet/) |
| Protocol | [Link](https://www.javatpoint.com/protocol-in-computer-network) |
| Design issues for the Network layers | [Link](https://www.javatpoint.com/design-issues-for-the-layers-of-computer-networks) |
| Types of Transmission Media | [Link](https://www.javatpoint.com/transmission-media) |
| Network Architecture | [Link](https://www.javatpoint.com/computer-network-architecture) |
| Network Models | [Link](https://www.javatpoint.com/computer-network-models) |
| Types of Addressing | [Link](https://www.javatpoint.com/network-addressing) |
| Diff Btn Guided & Unguided Media | [Link](https://www.geeksforgeeks.org/difference-between-guided-and-unguided-media/) |

**Unit- II Physical Layer**

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| **Topic** | **Resource** |
| Functions of Physical Layer | [Link](https://www.javatpoint.com/functions-advantages-and-disadvantages-of-the-physical-layer) |
| Data And Signals | [Link](https://www.javatpoint.com/physical-layer-in-osi-model) |
| Digital Transmission | [Link](https://www.javatpoint.com/computer-network-digital-transmission) |
| Analog Transmission | [Link](https://www.javatpoint.com/analog) |
| Transmission Impairment | [Link](https://www.geeksforgeeks.org/transmission-impairment-in-data-communication/) |
| Bandwidth utilization Multiplexing | [Link](https://www.javatpoint.com/multiplexing-in-computer-network) |
| Spread Spectrum | [Link](https://www.geeksforgeeks.org/what-is-spread-spectrum/) |
| Switching | [Link](https://www.javatpoint.com/computer-network-switching-techniques) |
| Types of cable connection | [Link](https://www.geeksforgeeks.org/difference-between-straight-through-cable-and-crossover-cable/) |
| Manchester and Differential Manchester Encodings | [Link](https://www.geeksforgeeks.org/manchester-encoding-in-computer-network/) |