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INFORMATION TECHNOLOGY FOR CLASS 11

(Study materials based on N.C.E.R.T)

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UNIT -2 NETWORKING AND INTRNET

EVOLUTION OF NETWORKS AND INTERNET

In 1876 Bell came forward with the concept of communication through telephones lines leading to development of Public Switched Network (PSTN) in 1877. It opened the new frontiers allowing several homes to connect through telephone lines.

Computer Networks

Nodes or stations are electronic devices such as computers, printers, Fax machines, and telephones which communicate with each other by sending and receiving data/message. A one-way simple communication system that comprises the following components.

- ❖ **Sender:** The node that is responsible for sending the data.
- ❖ **Receiver:** The node that is responsible for receiving the data.
- ❖ **Message:** Message is the information or meaningful data that is being communicated in a structured form.
- ❖ **Channel:** Channel is the communication medium through which message is transmitted.

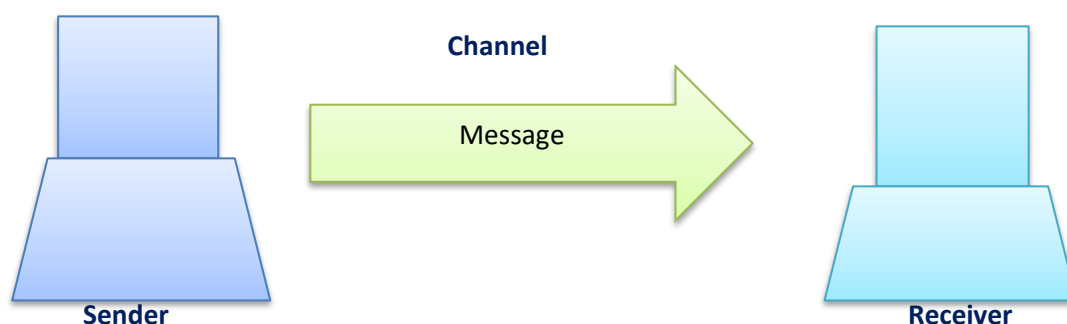


Figure: One- Way Communication System.

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