**Basic terminology of Network**

1. **Network**:
   * A collection of interconnected devices, such as computers, printers, and servers, that can communicate with each other.
2. **Node**:
   * Any device connected to a network, such as a computer, printer, or router.
3. **Protocol**:
   * A set of rules and standards that define how devices on a network communicate with each other.
4. **IP Address**:
   * A unique numerical identifier assigned to each device on a network, used to identify and communicate with other devices.
5. **Router**:
   * A networking device that connects multiple networks together and forwards data packets between them.
6. **Switch**:
   * A networking device that connects devices on a network and forwards data packets between them.
7. **Firewall**:
   * A security device or software that monitors and controls incoming and outgoing network traffic based on predefined security rules.
8. **DNS (Domain Name System)**:
   * A system that translates domain names (such as www.example.com) into IP addresses, allowing devices to locate and connect to websites and other network resources.
9. **LAN (Local Area Network)**:
   * A network that connects devices within a limited geographical area, such as a home, office, or building.
10. **WAN (Wide Area Network)**:
    * A network that connects devices over a large geographical area, such as multiple offices in different cities or countries.
11. **DHCP (Dynamic Host Configuration Protocol)**:
    * A protocol that automatically assigns IP addresses and network configuration settings to devices on a network.
12. **TCP/IP (Transmission Control Protocol/Internet Protocol)**:
    * A set of protocols used to communicate over the internet and other networks.