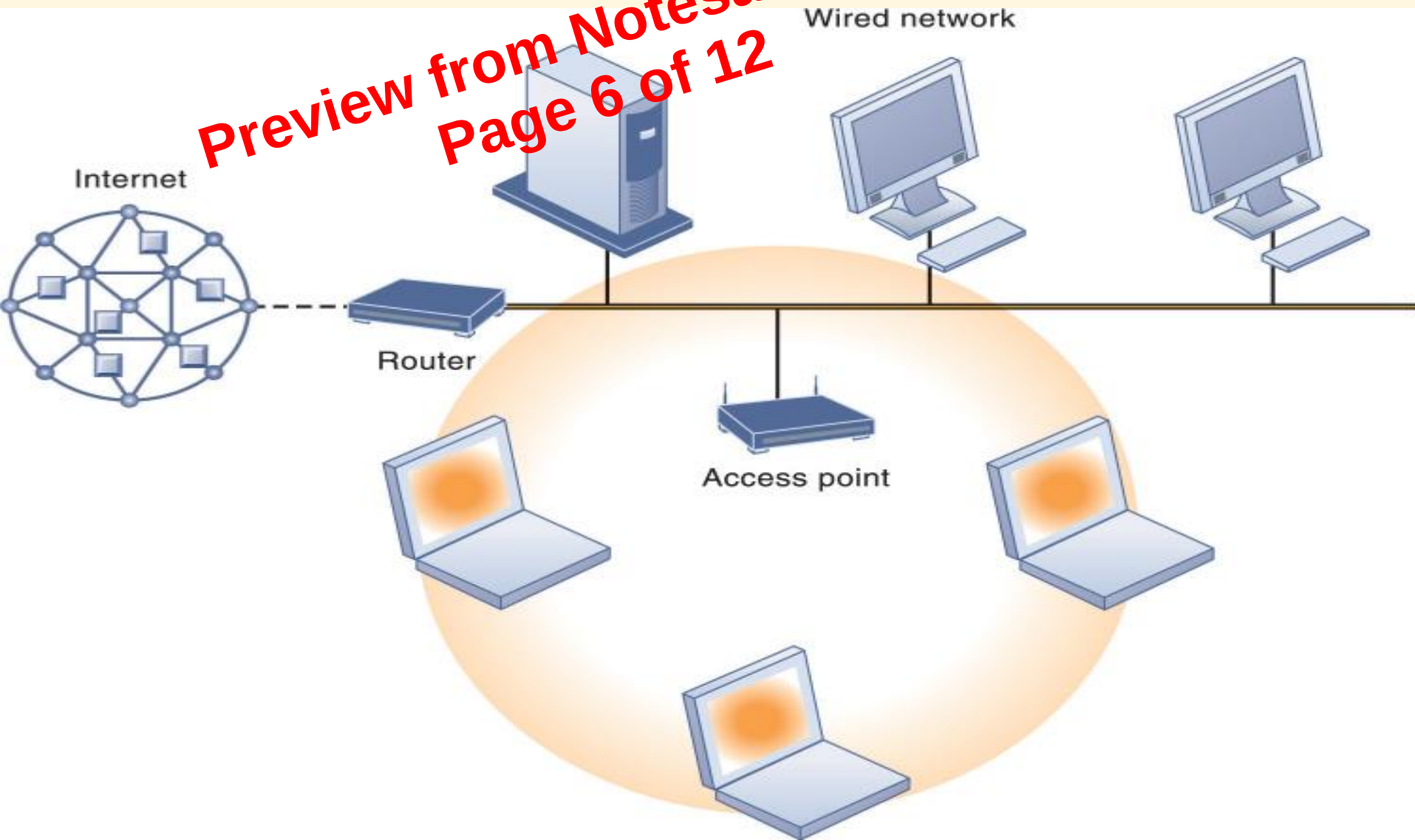


4.1 Wireless Networks & Internet Access

An 802.11 Wireless LAN



4.1 Wireless Networks & Internet Access

Wi-Max

- Popular name for the 802.16 wireless standards
- Worldwide Interoperability for Microwave access (WI-MAX)
- Wi-Max has a wireless access range up to 31 miles and transmission speed of up to 75 Mbps
- Used for long distances (Wi-Fi range from the base station is 300 feet max)
- Requires powerful Wi-Max antennas to transmit high speed Internet connections to rooftop antennas of homes and businesses