

Answer the following questions:

1. Give examples of Wi-Fi standards and mention the maximum bit rate and the operating frequency band for each one.
2. Using a typical telephone hierarchy, explain how a toll call can be established between two distant cities.
3. Explain briefly the role of each of the following exchanges : local central office, and tandem office.
4. Common channel signaling does not ensure the connection between source and destination, explain.
5. Low frequency signaling cannot operate over carrier derived channels; explain.
6. What is meant by: in-band, and out-of-band signaling?
7. Give examples of information exchanged between the subscribers and the central office or switch?
8. State the advantages of Packet switching over conventional circuit switching.
9. Compare virtual circuit to datagram in case of packet switching.