

Office Systems & Technology
Chapter 3 – A

1. _____ Bluetooth
2. _____ Bridge
3. _____ Cellular
4. _____ Coaxial Cable
5. _____ Front-end Processor
6. _____ Gateway
7. _____ Microwave
8. _____ Modem
9. _____ Multiplexer
10. _____ NIC
11. _____ T-1 Line
12. _____ T-3 Line
13. _____ Telecommunications
14. _____ Telecommunications Processors

- A. A device that converts data codes into analog signals and vice versa.
- B. A small, specialized computer that communicates with the main computer system and manages all the routine telecommunications tasks.
- C. Allows one communication channel to carry data from multiple sources at the same time.
- D. Can transmit data around corners and through objects.
- E. Communication processor needed to connect two dissimilar networks.
- F. Communication processor that provides a connection between two similar networks.
- G. Dedicated line that consists of 24 individual channels, each supporting 64K bps.
- H. Dedicated service line that consists of 672 individual channels, each supporting 64K bps.
- I. Devices equipped with radio technology for the transmission of voice and data.
- J. Devices necessary for the communications function.
- K. Expansion card that connects the microcomputer to a network enabling the exchange of data between computers.
- L. System that transmits high-speed radio signals between transmission stations, point to point, in a straight line.
- M. The exchange of voice, data, text, graphics or audio and video information over computer-based networks.
- N. Thickly insulated copper wire for fast data transmission.

True or False

15. _____ Broadband cable is for digital transmission.
16. _____ Data transmission is an example of an analog transmission signal.
17. _____ Telecommunication hardware controls the entire transmission process.
18. _____ The three types of line channels are twisted wire, coaxial cable and satellite.
19. _____ Transmission stations for microwave signals need to be spaced 15 miles apart.
20. _____ Two modems are required for computers to communicate over telephone lines.