

1. A modulator/demodulator is better known as a what? 1 / 1 point

- ☒ modem
- ☐ telephone
- ☐ computer
- ☐ radio

✔ Correct

2. Which of the following attributes describe a broadband internet connection? (Choose all that apply) 1 / 1 point

- ☐ Exclusively for business
- ☒ Always on

✔ Correct

- ☐ Universally available
- ☒ Not dial-up

✔ Correct

3. How many T1 lines make up one T3 line? 0 / 1 point

- ☐ 3
- ☐ 28
- ☒ 24
- ☐ 100

✘ Incorrect

Please review the video on [T-Carrier Technologies](#).

4. What is the more accurate name for a DSL modem? 1 / 1 point

- ☐ CMTS
- ☒ DSLAM
- ☐ POTS
- ☐ ONT

✔ Correct

5. With which of the following models do many users share a certain amount of bandwidth until the transmissions reach the ISP's core network? 1 / 1 point

- ☒ Shared bandwidth
- ☐ Central Office (CO) connection
- ☐ Wireless transmissions
- ☐ Dedicated bandwidth

✔ Correct

6. Does FTTB stand for Fiber to the Basement?

1 / 1 point

- ☐ Yes
- ☐ No
- ☒ Sometimes

✓ Correct

7. What is the first field in an 802.11 header?

1 / 1 point

- ☐ Sequence Control Field
- ☐ Duration Field
- ☒ Frame Control Field
- ☐ Preamble

✓ Correct

8. WLAN access points act as a ____ between wireless and wired networks?

1 / 1 point

- ☐ Gateway
- ☒ Bridge
- ☐ Router
- ☐ Switch

✓ Correct

9. How many bits long is a WPA2 key?

1 / 1 point

- ☐ 64
- ☒ 256
- ☐ 512
- ☐ 128

✓ Correct

10. Cellular networking is also known as ____ networking.

1 / 1 point

- ☒ mobile
- ☐ organic
- ☐ computer
- ☐ wide area

✓ Correct