

✔ **Congratulations! You passed!**

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1. What does TCP stand for?

1 / 1 point

- ☐ Translational Carrier Pathway
- ☒ Transmission Control Protocol
- ☐ Timing Control Protocol
- ☐ Topical Carrier Protocol

✔ Correct

2. Which of the following is the fifth layer of the TCP/IP Five-layer network model.

1 / 1 point

- ☐ Data Link
- ☐ Physical
- ☐ Transport
- ☒ Application

✔ Correct

3. Which layer of the network model includes specifications for cables and connectors and how signals are sent over these connections?

1 / 1 point

- ☐ Transport
- ☐ Data link
- ☐ Network
- ☒ Physical

✔ Correct

4. What type of cable communicates binary data by changing the voltage between two ranges?

1 / 1 point

- ☒ Copper
- ☐ Fiber
- ☐ Gold
- ☐ Silver

✔ Correct

5. You have installed a device at the physical layer. All of the systems you connect to this device will talk to each other at the same time. What have you installed?

1 / 1 point

- ☐ Server
- ☐ Router
- ☒ Hub
- ☐ Client

✔ Correct

6. Which device forwards data and operates at layer three of the Transmission Control Protocol/Internet Protocol (TCP/IP) model?

1 / 1 point

- ☐ Switch
- ☐ Hub
- ☒ Router
- ☐ Client

✔ Correct

7. Which of the following is something that requests data from a server?

1 / 1 point

- ☐ Switch
- ☐ Router
- ☐ Hub
- ☒ Client

✔ Correct

8. Which type of communication does a telephone use?

1 / 1 point

- ☐ Half Duplex

- ☐ Twisted
- ☒ Full duplex
- ☐ Simplex

✔ Correct

9. What is the most common plug used with twisted pair network cables?

1 / 1 point

- ☐ Registered Jack 11
- ☐ Registered Jack 35
- ☒ Registered Jack 45
- ☐ Registered Jack 46

✔ Correct

10. Fill in the blank: The most common data link layer protocol for wired connections is _____.

1 / 1 point

- ☐ UDP
- ☐ BGP
- ☒ Ethernet
- ☐ TCP

✔ Correct