

Check Test5 Communications Principles

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Student number & Your name *

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Teacher ▼

1. What is the purpose of the OSI physical layer? *

1 point

- ☐ controlling access to media
- ☒ transmitting bits across the local media
- ☐ performing error detection on received frames
- ☐ exchanging frames between nodes over physical network media

2. Which statement is correct about network protocols? *

1 point

- ☐ Network protocols define the type of hardware that is used and how it is mounted in racks.
- ☒ They define how messages are exchanged between the source and the destination.
- ☐ They all function in the network access layer of TCP/IP.
- ☐ They are only required for exchange of messages between devices on remote networks.

3. Which three acronyms/initialisms represent standards organizations? (Choose three.)

* 1 point

- ☒ IANA
- ☐ TCP/IP
- ☒ IEEE
- ☒ IETF
- ☐ OSI
- ☐ MAC

4. What networking term describes a particular set of rules at one layer that govern communication at that layer?

* 1 point

- ☐ duplex
- ☐ encapsulation
- ☐ error checking
- ☒ protocol

5. Which layer of the OSI model defines services to segment and reassemble data for individual communications between end devices?

* 1 point

- ☐ application
- ☐ presentation
- ☐ session
- ☒ transport
- ☐ network

6. What is the purpose of protocols in data communications? *

1 point

- ☐ specifying the bandwidth of the channel or medium for each type of communication
- ☐ specifying the device operating systems that will support the communication
- ☒ providing the rules required for a specific type of communication to occur
- ☐ dictating the content of the message sent during communication

7. Which term refers to the set of rules that define how a network operates? *

1 point

- ☐ standard
- ☒ protocol
- ☐ model
- ☐ domain

8. Which three layers of the OSI model make up the application layer of the TCP/IP model? (Choose three.) *

1 point

- ☐ data link
- ☐ network
- ☐ transport
- ☒ session
- ☒ presentation
- ☒ application

9. Which organization publishes and manages the Request for Comments (RFC) documents?

1 point

- ☐ IEEE
- ☐ ISO
- ☒ IETF
- ☐ TIA/EIA

10. Which two OSI model layers have the same functionality as a single layer of the TCP/IP model? (Choose two.)

* 1 point

- ☐ data link
- ☒ network
- ☐ physical
- ☐ session
- ☒ transport

Your understanding of today's class *

1 2 3 4 5

I didn't understand the class at all



I understand the class very well

What you did not understand in today's class? (Option)

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