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Knowledge Check - The Web and the Internet
Practice Quiz • 21 min • 7 total points

✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

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1. When sending a message to another computer, the source and destination are specified using
_____.

1 / 1 point

○ a Domain Name

○ a Web Server

● an IP Address

✓ **Correct**
Well done. The source and destination of an IP packet are specified using an IP address.

2. Which of the following are valid IP addresses? Select all that apply.

1 / 1 point

☑ 192.0.2.235

✓ **Correct**
Correct - this an IP address for protocol version 4

☐ example.com

☑ 4527:0db8:0a00:1567:0200:ff00:0042:8329

✓ **Correct**
Correct - this is an IP address for protocol version 6

3. When using TCP, data can arrive out of order.

1 / 1 point

○ True

● False

✓ **Correct**
Correct - TCP ensures data arrives without data loss and in order.

4. Which of the following are valid HTTP methods? Select all that apply.

1 / 1 point

☑ GET

✓ **Correct**
Correct – GET is used to retrieve data from the server.

☑ POST

✓ **Correct**
Correct – POST is used to send data to the server.

☐ SEND

☑ DELETE

✓ **Correct**
Correct – DELETE is used to delete data on the server.

5. HTML describes the structure and content of a web page.

1 / 1 point

● True

○ False

✓ **Correct**
Correct – HTML uses markup tags to describe the structure and content of a web page.

6. When you type a website address (for example, coursera.org) in your web browser, which protocol is used to find
the IP address of the website?

1 / 1 point

○ Internet Message Access Protocol (IMAP)

○ File Transfer Protocol (FTP)

● Domain Name System Protocol (DNS)

✓ **Correct**
Correct – The DNS protocol will return the IP address for a domain name.

7. A web application is more _____ compared to a website.

1 / 1 point

○ Informative

○ Interactive

⊘ Correct
Correct – Web applications are interactive, for example, using a web app to find local restaurants.