Check Test 15 Application Layer Services Quiz

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Teacher ▾

What two characteristics describe an FTP connection? (Choose two.) *   1 point

☐ A large file requires more than two connections between the client and the server to successfully download it.

☐ The server establishes the first connection with the client to control traffic that consists of server commands and client replies.

☑ Files can be downloaded from or uploaded to the server.

☐ The client needs to run a daemon program to establish an FTP connection with a server.

☑ The first connection established is for traffic control and the second connection is created to transfer a file.

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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 protocol is used by web servers to serve up a web page? *   1 point

○ FTP

◉ HTTP

○ IMAP

○ POP

4. Match the protocol with the function. (Not all options are used.) *   4 points

	SSH	DHCP	DNS	IMAP
Resolves Internet names to IP Address	○	○	◉	○
Automatically configures hosts with IP Addresses	○	◉	○	○
Provide remote access to servers	◉	○	○	○
Retrieve email messages by clients	○	○	○	◉

5. Which two protocols are used in the process of sending and receiving emails?   * 1 point
(Choose two.)

- [ ] HTTP
- [x] POP
- [ ] SSH
- [x] SMTP
- [ ] FTP

6. Which two applications provide virtual terminal access to remote servers? (Choose   * 1 point
two.)

- [x] SSH
- [ ] DNS
- [ ] DHCP
- [ ] SMTP
- [x] Telnet

7. What is the advantage of using SSH over Telnet? *   1 point

- ( ) SSH is easier to use.
- ( ) SSH operates faster than Telnet.
- (•) SSH provides secure communications to access hosts.
- ( ) SSH supports authentication for a connection request.

8. Refer to the exhibit. Which protocol allows a user to type www.cisco.com instead of   * 1 point
an IP address to access the web server?

(●) DNS

(○) FTP

(○) HTML

(○) HTTP

(○) SNMP

9. Which protocol is used to transfer web pages from a server to a client device?   1 point

○ HTML

○ SMTP

● HTTP

○ SSH

○ POP

10. Which two application layer protocols manage the exchange of messages between * 1 point
a client with a web browser and a remote web server? (Choose two.)

☐ DNS

☑ HTTP

☐ HTML

☐ DHCP

☑ HTTPS

11. Match the port number to the email protocol. *   3 points

	110	25	143
IMAP4	○	○	●
POP3	●	○	○
SMTP	○	●	○

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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