

Chapter 12.1

Question 1

What do we call it when a browser uses the HTTP protocol to load a file or page from a server and display it in the browser?

- ☐ DECNET
 - ☒ The Request/Response Cycle
 - ☐ SMTP
 - ☐ Internet Protocol (IP)
 - ☐ IMAP
-

Question 2

Which of the following is most similar to a TCP port number?

- ☐ The GPS coordinates of a building
 - ☒ A telephone extension
 - ☐ A street number in an address
 - ☐ The distance between two locations
 - ☐ A telephone number
-

Question 3

What must you do in Python before opening a socket?

- ☐ import tcp-socket
 - ☐ _socket = true
 - ☐ import tcp
 - ☒ import socket
 - ☐ open socket
-

Question 4

In a client-server application on the web using sockets, which must come up first?

- ☐ server
- ☐ client

- ☒ it does not matter
-

Question 5

Which of the following is most like an open socket in an application?

- ☒ An "in-progress" phone conversation
 - ☐ Fiber optic cables
 - ☐ The wheels on an automobile
 - ☐ The chain on a bicycle
 - ☐ The ringer on a telephone
-

Question 6

What does the "H" of HTTP stand for?

- ☐ wHolsitic
 - ☐ Simple
 - ☐ Manual
 - ☒ HyperText
 - ☐ Hyperspeed
-

Question 7

What is an important aspect of an Application Layer protocol like HTTP?

- ☐ How long do we wait before packets are retransmitted?
 - ☐ What is the IP address for a domain like www.dr-chuck.com?
 - ☐ How much memory does the server need to serve requests?
 - ☒ Which application talks first? The client or server?
-

Question 8

What are the three parts of this URL (Uniform Resource Locator)?

```
http://www.dr-chuck.com/page1.htm
```

- ☐ Protocol, document, and offset
 - ☒ Protocol, host, and document
 - ☐ Host, offset, and page
 - ☐ Document, page, and protocol
 - ☐ Page, offset, and count
-

Question 9

When you click on an anchor tag in a web page like below, what HTTP request is sent to the server?

```
<p>Please click <a href="http://www.dr-chuck.com">here</a>.</p>
```

- ☒ GET
 - ☐ POST
 - ☐ PUT
 - ☐ DELETE
 - ☐ INFO
-

Question 10

Which organization publishes Internet Protocol Standards?

- ☐ IMS
 - ☒ IETF
 - ☐ SCORM
 - ☐ LDAP
 - ☐ SIFA
-