Networks and Sockets

TOTAL POINTS 10

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?

   1 point

   ○ IMAP

   ◉ The Request/Response Cycle

   ○ DECNET

   ○ Internet Protocol (IP)

   ○ SMTP

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

   1 point

   ○ The GPS coordinates of a building

   ○ A street number in an address

   ○ The distance between two locations

   ○ A telephone extension

   ◉ A telephone number

3. What must you do in Python before opening a socket?

   1 point

   ○ _socket = true

   ○ open socket

   ○ import tcp-socket

   ○ import tcp

   ◉ import socket

4. Which of the following TCP sockets is most commonly used for the web protocol (HTTP)?

   1 point

   ◉ 80

   ○ 119

   ○ 25

   ○ 23

   ○ 22

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

   1 point

   ◉ An "in-progress" phone conversation

   ○ Fiber optic cables

   ○ The wheels on an automobile

   ○ The chain on a bicycle

   ○ The ringer on a telephone

6. What does the "H" of HTTP stand for?

   1 point

   ○ wHolsitic

   ○ Manual

   ○ Hyperspeed

   ◉ HyperText

   ○ Simple

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

   1 point

   ○ How much memory does the server need to serve requests?

   ○ What is the IP address for a domain like www.dr-chuck.com?

   ◉ Which application talks first? The client or server?

   ○ How long do we wait before packets are retransmitted?

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

   1 point

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

○ Protocol, document, and offset

○ Host, offset, and page

● Protocol, host, and document

○ Document, page, and protocol

○ Page, offset, and count

9. When you click on an anchor tag in a web page like below, what HTTP request is sent to the server?   1 point

```
1   <p>Please click <a href="page1.htm">here</a>.</p>
2
```

● GET

○ POST

○ PUT

○ DELETE

○ INFO

10. Which organization publishes Internet Protocol Standards?   1 point

● IETF

○ SIFA

○ SCORM

○ LDAP

○ IMS

☐ I, **Niraj Vedprakash Maurya**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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