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?

   - ⦿ The Request/Response Cycle
   - ○ DECNET
   - ○ SMTP
   - ○ IMAP
   - ○ Internet Protocol (IP)

2. What separates the HTTP headers from the body of the HTTP document?

   - ⦿ A blank line
   - ○ Four dashes
   - ○ X-End-Header: true
   - ○ A less-than sign indicating the start of an HTML tag

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

   - ○ _socket = true
   - ○ import tcp
   - ○ open socket
   - ⦿ import socket
   - ○ import tcp-socket

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

   - ○ server

○ client

◉ it does not matter

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

○ Manual

◉ HyperText

○ Hyperspeed

○ Simple

○ wHolsitic

7. What is an important aspect of an Application Layer protocol like HTTP?   1 point

○ How long do we wait before packets are retransmitted?

◉ Which application talks first? The client or server?

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

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

8. What are the three parts of this URL (Uniform Resource Locator)?   1 point

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

○ Page, offset, and count

● Protocol, host, and document

○ Host, offset, and page

○ Document, page, and protocol

○ Protocol, document, and offset

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

○ IMS

○ SCORM

○ SIFA

○ LDAP