

1. If I want to browse to YouTube to watch a video:

A) Which program will perform the connect() function? (**circle one**)

**My Firefox Browser / Youtube.com server**

B) Which program will perform the listen() and accept() functions? (**circle one**)

**My Firefox Browser / Youtube.com server**

2. Can you perform the send() function prior to the accept() function?

Explain your answer using a telephone call as an analogy.

3. The IP address for a certain website is 10.248.166.157.

Did I give this to you in Network Byte Order or Host Byte Order? Explain your conclusion.

4. Which layer of the OSI model defines a socket? Which layer of the TCP/IP model defines sockets?

5. A) Give the full path to the header file that describes the structure of an Internet socket address.

B) What is the name of the family of protocols used by TCP/IP to create socket connections?

C) Why are there 8 Bytes of padding at the end of a 16 Byte TCP/IP socket address structure?