When a browser connects to a web server to retrieve a document, what default TCP/IP port is used?

◉ 80

Correct

○ 142

○ 25

○ 119

○ 420

When a browser connects to a web server to retrieve a document, what command is sent to the server?

○ DELE

○ PUT

◉ GET

Correct

○ POST

What does the second "T" of HTTP stand for?

○ movemenT

○ Transpose

● Transfer

Correct

○ Transport

Which HTML tag typically generates a request to retrieve a document from the server when it is clicked?

○ b

○ div

○ p

○ img

⦿ a

Correct

○ h1

What standards organization publishes many of the documents that describe the protocols we use on the Internet?

○ RIA

○ IRR

○ 6-Sigma

○ Educause

⦿ IETF

Correct

What must happen before a client can open a socket?

○ A server must be running that is listening for socket connections

Correct

○ The client must create a local file with the same name as the socket

○ The server must allocate sufficient memory to handle any needed retransmissions

○ The client must be in the same folder as the server

○ The client must be on the same system as the server

What port is used for Simple Mail Transfer Protocol (SMTP)?

○ 80

○ 420

○ 119

○ 142

◉ 25

Correct

What port is used by default for Secure HTTP (https)?

- ○ 80
- ○ 119
- ○ 25
- ○ 142
- ◉ 443

Correct

What is the topic of the Internet Engineering Task Force document RFC2616?

⦿ HTTP - HyperText Transfer Protocol

Correct

◯ POP - Post Office Protocol

◯ Message Data Types

◯ FTP - File Transfer Protocol

◯ SMTP - Simple Mail Transfer Protocol

What is the purpose of encode() in the socket1.py code:

◉ To convert the data to UTF-8 before sending

Correct

○ To make sure that the web server properly recognizes the GET command

○ To break the data into packets for network transmission

○ To check if there is any data ready to send

What can't you see in the Browser Developer Mode for most browsers?

○ The code that runs in the server

Correct

○ The browser Document Object Model (DOM)

○ The HTTP response code (like 200 or 404) for each request

○ The request and response headers for retrieved documents

In the sample server.py code, which function call actually waits for incoming socket connection requests?

○ socket()

○ decode()

◉ listen()

Correct

○ bind()

○ recv()

Which Python library makes it very easy to make HTTP requests from Python?

○ urllib

Correct

○ json

○ decode

○ re

Which of these Internet Engineering Task Force (IETF) documents described the "Internet Control Message Protocol"?

○ RFC5325

○ RFC815

◉ RFC792

Correct

○ RFC1224

What is the topic of the Internet Engineering Task Force document RFC42?

○ FTP - File Transfer Protocol

○ HTTP - HyperText Transfer Protocol

○ SMTP - Simple Mail Transfer Protocol

○ POP - Post Office Protocol

◉ Message Data Types

Correct

Which of the following is NOT part of a Uniform Resource Locator:

○ Host

● Operating System

Correct

○ Protocol

○ Document