

# Intenta nuevamente una vez que estés listo

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## The Request / Response Cycle

Puntos totales 19

1. When a browser connects to a web server to retrieve a document, what default TCP/IP port is used? **1 / 1 punto**

☒ 80

☐ 25

☐ 142

☐ 119

☐ 420

☒ **Correcto**

2. When a browser connects to a web server to retrieve a document, what command is sent to the server? **1 / 1 punto**

☐ DELE

- ☒ GET
- ☐ PUT
- ☐ POST
- ☒ **Correcto**

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

1 / 1 punto

- ☒ Transfer
- ☐ movemenT
- ☐ Transpose
- ☐ Transport
- ☒ **Correcto**

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

1 / 1 punto

- ☒ Operating System
- ☐ Host
- ☐ Document
- ☐ Protocol
- ☒ **Correcto**

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

1 / 1 punto

☐ img

☐ p

☐ div

☐ b

☒ a

☐ h1

☒ **Correcto**

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

1 / 1 punto

☒ IETF

☐ Educause

☐ RIA

☐ IRR

☐ 6-Sigma

☒ **Correcto**

7.

0 / 1 punto

Which of the HTTP headers does the browser look at to decide how to display the retrieved document?

☐ Content-length

☐ Format

☐ Location

☒ Display-type

☐ ETAG

☐ Content-type

☒ **Incorrecto**

8. In Python, what is the difference between an open file and a socket?

0 / 1 punto

☐ A socket can be simultaneously read and written

☒ A program writes to a socket, it can read its data back after closing the socket

☐ When you open a file, you get a read and write handle to allow simultaneous operations

☐ A program can rewind a socket and start writing again at the beginning of the socket

☒ **Incorrecto**

9. What must happen before a client can open a socket?

1 / 1 punto

- ☐ The server must allocate sufficient memory to handle any needed retransmissions
- ☒ A server must be running that is listening for socket connections
- ☐ The client must create a local file with the same name as the socket
- ☐ The client must be in the same folder as the server
- ☐ The client must be on the same system as the server
- ☒ **Correcto**

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

1 / 1 punto

- ☐ 420
- ☐ 80
- ☒ 25
- ☐ 142
- ☐ 119

☒ **Correcto**

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

1 / 1 punto

- ☐ 119
- ☐ 142

☐ 80☒ 443☐ 25☒ **Correcto**

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

**1 / 1 punto**

☐ FTP - File Transfer Protocol☒ HTTP - HyperText Transfer Protocol☐ POP - Post Office Protocol☐ SMTP - Simple Mail Transfer Protocol☐ Message Data Types☒ **Correcto**

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

**1 / 1 punto**

☐ POP - Post Office Protocol☐ HTTP - HyperText Transfer Protocol☐ FTP - File Transfer Protocol☐ SMTP - Simple Mail Transfer Protocol

☒ Message Data Types

☒ **Correcto**

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

1 / 1 punto

☐ RFC5325

☐ RFC815

☒ RFC792

☐ RFC1224

☒ **Correcto**

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

0 / 1 punto

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

☐ To break the data into packets for network transmission

☐ To convert the data to UTF-8 before sending

☐ To check if there is any data ready to send

☒ **Incorrecto**

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

0 / 1 punto

- ☐ The code that runs in the server
- ☐ The request and response headers for retrieved documents
- ☒ The browser Document Object Model (DOM)
- ☐ The HTTP response code (like 200 or 404) for each request

⊗ **Incorrecto**

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

0 / 1 punto

- ☐ bind()
- ☐ socket()
- ☒ recv()
- ☐ listen()
- ☐ decode()

⊗ **Incorrecto**

18. In the sample server.py code, which function call will fail if another application is already using a port?

1 / 1 punto

- ☐ recv()
- ☐ listen()



☐ socket()☒ bind()☐ decode()☒ **Correcto**

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

1 / 1 punto

☐ json☒ urllib☐ decode☐ re☒ **Correcto**