

Module 2 Quiz

TOTAL POINTS 8

1. What is a difference between clients and servers on the Internet?

1 point

- ☐ Servers initiate requests for service
- ☐ Only servers can receive data
- ☒ Clients initiate requests for service
- ☐ Only clients can send data

2. What Python function is used to perform a DNS lookup?

1 point

- ☐ getipaddress()
- ☐ nslookup
- ☐ dnslookup()
- ☒ gethostbyname()

3. What Python function is used by the client to establish a connection between sockets?

1 point

- ☒ connect()
- ☐ recv()
- ☐ join()
- ☐ bind()

4.

1 point

The recv() function performs a non-blocking wait, by default.

- ☐ True
- ☒ False

5. When is the code inside an except clause executed?

1 point

- ☐ When any error occurs during execution
- ☐ Whenever the code inside the associated try clause is executed
- ☐ When any code before the except clause causes an appropriate exception
- ☒ When code inside the associated try clause causes an appropriate exception

6. Binding a socket on the server-side requires what information?

1 point

- ☐ The duration of the requested communication
- ☐ The IP address of the client
- ☐ The MAC address of the server
- ☒ The port number for communication

7. What is a “live” server?

1 point

- ☐ A server that starts at boot time
- ☐ A server that is computationally complex
- ☒ A server that serves many requests over a long time
- ☐ A server that is also a client

8. Sockets can be used to communicate between two Raspberry Pis.

1 point

☒ True

☐ False



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