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| Started on | Tuesday, 24 September 2024, 1:15 PM |
| State | Finished |
| Completed on | Tuesday, 24 September 2024, 1:28 PM |
| Time taken | 12 mins 43 secs |
| Grade | 9.00 out of 10.00 (90%) |

Question 1

Correct

Mark 1.00 out of 1.00

We need to ENCODE data before sending to the client.

Select one:

☒ True ✓

☐ False

The correct answer is 'True'.

Question 2

Correct

Mark 1.00 out of 1.00

What is the command to undo this command: R2(config)#ip route 10.10.8.0 255.255.255.0 172.16.101.194

Select one:

☐ a. no R2(config)#ip route 10.10.8.0 255.255.255.0 172.16.101.194

☐ b. R2(config)#undo ip route 10.10.8.0 255.255.255.0 172.16.101.194

☒ c. R2(config)#no ip route 10.10.8.0 255.255.255.0 172.16.101.194 ✓

☐ d. R2(config)#not ip route 10.10.8.0 255.255.255.0 172.16.101.194

☐ e. R2(config)#delete ip route 10.10.8.0 255.255.255.0 172.16.101.194

Your answer is correct.

The correct answer is: R2(config)#no ip route 10.10.8.0 255.255.255.0 172.16.101.194

Question **3**

Correct

Mark 1.00 out of 1.00

How many usable IPv4 addresses are possible if its NETWORK BIT is 23?

Select one:

- ☐ a. 509
- ☐ b. 512
- ☐ c. 508
- ☒ d. 510 ✓
- ☐ e. 511

Your answer is correct.

The correct answer is: 510

Question **4**

Correct

Mark 1.00 out of 1.00

We need _____ & _____ to connect to a remote server.

Select one:

- ☐ a. 2 IP ADDRESS
- ☐ b. IP & SOCKET NAME
- ☒ c. IP & Port Number ✓
- ☐ d. IP & WILD CARD

Your answer is correct.

The correct answer is: IP & Port Number

Question **5**

Correct

Mark 1.00 out of 1.00

S socket wants to connect 5 clients. Now which line of code should we use to this?

Select one:

- ☐ a. s.start(5)
- ☐ b. s.accpet(5)
- ☐ c. s.connect(5)
- ☒ d. s.listen(5) ✓

Your answer is correct.

The correct answer is: s.listen(5)

Question **6**

Correct

Mark 1.00 out of 1.00

Socket is a process between-

Select one:

- ☐ a. Application – Network Layer
- ☐ b. Application – Application Layer
- ☒ c. Application – Transport Layer ✓
- ☐ d. Application – Data Link Layer

Your answer is correct.

The correct answer is: Application – Transport Layer

Question **7**

Correct

Mark 1.00 out of 1.00

What does this line of code define?

msg = s.recv(1024)

Select one:

- ☐ a. socket s prepared 1024 bytes data and stored in the msg variable
- ☒ b. socket s received 1024 bytes data and stored in the msg variable ✓
- ☐ c. socket s received 1024 bit data and stored in the msg variable
- ☐ d. socket s send 1024 bytes data and and stored in msg variable

Your answer is correct.

The correct answer is: socket s received 1024 bytes data and stored in the msg variable

Question **8**

Correct

Mark 1.00 out of 1.00

RIP NETWORKING is nothing but introducing all the LAN that is connected to the ROUTER.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 9

Correct

Mark 1.00 out of 1.00

What is the subnet mask for class C IPV4 address?

Select one:

- ☐ a. 255.255.0.0
- ☐ b. 255.255.255.255
- ☒ c. 255.255.255.0 ✓
- ☐ d. 255.0.0.0

Your answer is correct.

The correct answer is: 255.255.255.0

Question 10

Incorrect

Mark 0.00 out of 1.00

Given the NETWORK ADDRESS is 192.0.168.0/24, then what is the number of subnets does this IP belongs: 192.0.168.160/27

Select one:

- ☐ a. 5
- ☒ b. 6 ✗
- ☐ c. 4
- ☐ d. 7

Your answer is incorrect.

The correct answer is: 5

PREVIOUS ACTIVITY

◀ SocketProgramming

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📁 Data retention summary