**Networking**

**LATEST SUBMISSION GRADE**

90%

1.Question 1

**Which of the following devices are used in networking? Check all that apply.**

Switches

**Correct**

Wohoo! These are all physical devices used in networking.

TCP

Routers

**Correct**

Wohoo! These are all physical devices used in networking.

Hubs

**Correct**

Wohoo! These are all physical devices used in networking.

**Ans:1,3,4**

**Correct**

Great, you got all the right answers.

2.Question 2

**Which one of these are a valid IPv4 address? Check all that apply.**

345.0.24.6

54.45.43.54

**Correct**

Great job! IPv4 address are separated into 4 bytes, and each byte can have a value from 0 to 255.

1.1.1.1

**Correct**

Great job! IPv4 address are separated into 4 bytes, and each byte can have a value from 0 to 255.

255.255.255.0

**Correct**

Great job! IPv4 address are separated into 4 bytes, and each byte can have a value from 0 to 255.

**Ans:2,3,4**

**Correct**

Great, you got all the right answers.

3.Question 3

**Which network protocol is used to handle the reliable delivery of information?**TCPUDPIPICMP

**Ans:1**

**Correct**

Nice work! TCP is used to handle the reliable delivery of information in a network.

4.Question 4

**Which statement is true about the Internet and the World Wide Web?**The Internet is the World Wide Web.The World Wide Web is the only way to access the Internet.The Internet is a way to access the World Wide Web.The World Wide Web is a way to access the Internet.

Ans:4

**Correct**

Right on! We use the World Wide Web to access the Internet through a link like www.google.com. The World Wide Web isn’t the only way we can access the Internet. Your email, chat, and file-sharing programs are also ways you can access the Internet.

5.Question 5

**Through which of the devices listed are we able to connect to wireless networks? Check all that apply.**

Antenna

**Correct**

Well done! We connect to wireless networks through radios and antennas.

Radio

**Correct**

Well done! We connect to wireless networks through radios and antennas.

Smart TV

Telephone

**Ans:1,2**

**Correct**

Great, you got all the right answers.

6.Question 6

**What type of address do computers use to find something on a network?**IP addressMAC addressISP addressURL address

**Ans:1**

**Correct**

You got it! Computers use IP (Internet Protocol) addresses to find something on a network.

7.Question 7

**What is www.google.com an example of?**ISPURLHTTPICANN

**Ans:2**

**Correct**

Woohoo! A URL, which stands for Uniform Resource Locator, is a human readable web address like www.google.com.

8.Question 8

**Which problem does IPv6 (Internet Protocol version 6) help to solve?**Internet Protocol versions prior to version 6 haven't achieved widespread use.There are less than 4.3 billion IPv4 addresses, which has already been exceeded with existing websites.Companies waste hundreds of public IP addresses. With IPv6, they can use just one IP address.IPv5 is an outdated protocol version with insufficient security safeguards.

**Ans:2**

**Correct**

Nice job! Even though it might seem like a lot of possible IPv4 addresses, there are less than 4.3 billion IPv4 addresses, and there are way more than 4.3 billion websites out on the Web today.

9.Question 9

**Which Internet Protocol version is 100.0.0.256?**IPv2Not a valid IP addressIPv4IPv6

**Ans:2**

10.Question 10

**What are some examples of IoT (Internet of Things)? Check all that apply.**

An online car dealership that can provide complete car history using the vehicle identification number

Teachers who post assignments for their students on the school website

Refrigerators that keep track of the food and notify you when to buy more

**Correct**

You nailed it! The concept of the Internet of Things is to have regular devices, like refrigerators and thermostats, connected to the Internet and perform tasks automatically.

Thermostats that turn off the air conditioning when you leave the room

**Correct**

You nailed it! The concept of the Internet of Things is to have regular devices, like refrigerators and thermostats, connected to the Internet and perform tasks automatically.

**Ans:3,4**

**Correct**

Great, you got all the right answers.