

(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

**Question 1 of 11**

Which topology is referenced to determine the IP address scheme?

- A) Physical
- B) Logical
- C) Blueprint
- D) Floor plan

**Question 2 of 11**

What is the MOST common repetitive strain injury in IT occupations?

- A) Advanced myopia
- B) Migraine headache
- C) Carpal tunnel syndrome
- D) Restless hand syndrome

**Question 3 of 11**

What is the recommended MINIMUM password length?

- A) 17
- B) 8
- C) 6
- D) 5

#### Question 4 of 11

Which type of software can be copied legally and distributed freely for use?

- A) Closed source
- B) Mac OSX
- C) Microsoft Windows
- D) Open source

#### Question 5 of 11

What is hexadecimal "09" in decimal?

- A) 9
- B) 27
- C) 42
- D) 51

#### Question 6 of 11

How many bits are in an IPv6 address?

- A) 32
- B) 64
- C) 128
- D) 256

#### Question 7 of 11

What network topology is MOST easily expanded?

- A) Bus
- B) Mesh
- C) Ring
- D) Star

### Question 8 of 11

A router operates at what layer of the OSI model?

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- A) Data link
- B) Physical
- C) Network
- D) Transport

### Question 9 of 11

Which tool could be used to locate bottlenecks in a network connection?

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- A) Traceroute
- B) Ping
- C) IPCONFIG
- D) Netstat

### Question 10 of 11

What is one benefit of using a proxy service?

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- A) Allows access to HTTPS websites
- B) Hides actual IP address
- C) Protection from internal threats
- D) Provides fresh data

### Question 11 of 11

Which command is used to find the IP address of a URL from a command line?

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- A) Traceroute
- B) Nslookup
- C) Ping
- D) IPconfig

Network Security Sample Test Answer Key

<b>Question</b>	<b>Answer</b>
1.	B
2.	C
3.	B
4.	D
5.	A
6.	C
7.	D
8.	C
9.	A
10.	B
11.	B