

IT Fundamentals (ITF+) Study Guide: Exam FC0-U61

Custom Assessment Results 11/9/2023



Question 1

(tb513124.ITFund.SG2E.pe02.38)

Which of the following is not a form of intellectual property protection?

- A. Trademark
- B. Copyright
- C. Authentication
- D. Patent

You Answered Correctly!

Intellectual property protections include trademarks, copyrights, and patents. Authentication validates the identity of a user.

Question 2

(tb513124.ITFund.SG2E.c11.17)

You are helping a neighbor buy a computer, and based on a recent experience, he insists that his system needs to remain working even if a hard drive fails. What should you suggest he buy?

- A. SATA
- B. PATA
- C. RAID 0
- D. RAID 1

You Answered Correctly!

Your neighbor needs RAID 1, also known as disk mirroring. It writes data to both hard drives simultaneously. If one hard drive fails, the other will still be operational.

Question 3

(tb513124.ITFund.SG2E.c02.10)

You want to install a device in your office that allows for extra storage and has built-in fault tolerance. Which device do you need?

- A. NAS
- B. RAS
- C. SAS

Assessment Results

Grade

75

Assessment Performance

Correct	15
Incorrect	5
Skipped	0

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- D. External hard drive

 **You Answered Correctly!**

The device you are looking for is network-attached storage. External hard drives will give you extra storage, but they do not have built-in fault tolerance.

Question 4 

(tb513124.ITFund.SG2E.c09.01)

Which of the following are activities that a hacker might attempt?

- A. Stealing usernames and passwords
- B. Modifying website content
- C. Disrupting network communications
- D. Analyzing network traffic

Your Answer

- E. All of the above

 **You Answered Correctly!**

Hackers may have different motivations, but their activities can include stealing usernames and passwords, modifying website content, disrupting network communications, and analyzing network traffic.

Question 5 

(tb513124.ITFund.SG2E.c04.16)

Which of the following file systems does not have built-in security?

- A. ext3
- B. ext4
- C. FAT
- D. HFS

 **You Answered Incorrectly.**

File Allocation Table (FAT) does not have built-in security. All of the other OSs listed do.

Question 6 

(tb513124.ITFund.SG2E.c11.20)

You're asked to troubleshoot a PC that's not working properly. You push the power button but don't see anything on the screen or hear any fans spinning. What is the most likely reason?

- Your Answer
- A. Defective monitor
 - B. Defective power supply
 - C. Broken fan

Correct

- D. Defective network adapter driver

 **You Answered Incorrectly.**

The most likely cause is the power supply, since there are no fans spinning. Of course, don't forget first to check that it's plugged in!

Question 7 

(tb513124.ITFund.SG2E.at.32)

When configuring a backup solution for your computer, you decide that speed is the most important factor. Which storage option should you choose?

Your Answer

- A. Locally attached storage
- B. Network attached storage
- C. Cloud storage
- D. Offline storage

 **You Answered Correctly!**

When choosing a backup solution, know that locally attached storage devices will always be faster than network storage or cloud-based solutions. See Chapter 11 for more information.

Question 8 

(tb513124.ITFund.SG2E.c09.04)

What is the name of an application that appears to look like a helpful application but instead does harm to your computer?

- A. Virus
- B. Worm
- C. Malware

Your Answer

- D. Trojan horse

 **You Answered Correctly!**

A Trojan horse might look like helpful software but will actually do harm to your computer. An example could be a program that looks like a security scanner but actually installs malware. (Ironic, isn't it?)

Question 9 

(tb513124.ITFund.SG2E.at.28)

Which of the following are considered device hardening techniques? (Choose two.)

Correct

- A. Disabling Bluetooth

Your Answer

- B. Requiring complex passwords

- C. Enabling single sign-on

Your answer

- D. Installing antispyware software

 **You Answered Incorrectly.**

Device hardening makes it harder for attackers to gain access to your system by reducing the potential areas of attack. Two examples of device hardening are disabling unused or unneeded services and installing antimalware. See Chapter 10 for more information.

Question 10 

(tb513124.ITFund.SG2E.c04.14)

How many subdirectories are you allowed to create within a single directory in an OS?

Your Answer

- A. It depends on the OS.

B. 32,000

C. 64,000

D. Unlimited

 **You Answered Correctly!**

The answer is it depends on the OS. For example, ext3 allows for 32,000 subdirectories, and ext4 allows for 64,000 subdirectories.

Question 11 

(tb513124.ITFund.SG2E.c08.17)

What command would you use on a Mac to determine your TCP/IP configuration information?

Your Answer

- A. ifconfig

B. ipconfig

C. ipinfo

D. tcipconfig

 **You Answered Correctly!**

The ifconfig command is used on Macs and in Linux and UNIX to show your IP address and other TCP/IP configuration information.

Question 12 

(tb513124.ITFund.SG2E.pe01.40)

The network administrator at your company is implementing multifactor authentication. She is going to require users to provide something they know and something they have. What is an example of something they have?

A. Password

Your Answer

- B. Smart card

C. Credit card

D. Fingerprint

 **You Answered Correctly!**

A smart card is an example of something you have. Passwords are something you know, and fingerprints are something you are.

Question 13 

(tb513124.ITFund.SG2E.c10.12)

Your co-worker Rachel has recently discovered that when she starts typing her name into a field in a web browser, her whole name appears as well as her address in the appropriate boxes. What is this due to?

A. Adware infection

B. Single sign-on

C. Suspicious hyperlinks

Your Answer

D. Autocomplete

 **You Answered Correctly!**

Rachel is experiencing autocomplete, which is a feature in a browser that automatically populates your information in the right fields when you start entering any of the information. It can be convenient, but it can also be a potential security risk.

Question 14 

(tb513124.ITFund.SG2E.c10.20)

Which of the following statements is true regarding web browser plugins, toolbars, and extensions?

Your Answer

A. They should be updated to the newest versions.

B. They are dangerous and should be deleted.

C. They will be detected and removed by antivirus software.

D. They only function in Microsoft Edge or Internet Explorer.

 **You Answered Correctly!**

Web browser plug-ins, toolbars, and extensions can add functionality to your web browser. To make sure you maintain the best security possible, ensure that they are updated to their most current versions.

Question 15 

(tb513124.ITFund.SG2E.c10.13)

You have been asked to give training on network security. For your section on password management, which options should you recommend to users? (Choose two.)

A. Do not use complex passwords because they are easy to forget.

Your answer

- B. Change default passwords on systems.

- C. Use the same password on multiple systems so that they are easy to remember.

Your answer

- D. Do not reuse the same password after you are required to change it.

 You Answered Correctly!

You should use complex passwords that are still easy for you to remember. Changing default passwords is a good idea, as is not reusing a password on multiple systems or after it has been changed.

Question 16 

(tb513124.ITFund.SG2E.c08.06)

This question refers to the scenario at the end of the chapter, in “Configuring a Small Office Network.” When connecting client computers to the network, what password do they need to enter?

- A. tpg\$2019

- B. 7ygH\$2p*

Your Answer

- C. Tx\$pr4y2

- D. No password is required.

 You Answered Correctly!

The network password for clients to use is Tx\$pr4y2.

Question 17 

(tb513124.ITFund.SG2E.pe01.36)

Which of the following would pose an availability concern to your company’s data? (Choose two.)

Your Answer

- A. Snooping

Your Answer

- B. Dumpster diving

Correct

- C. Denial of service

Correct

- D. Power outage

 You Answered Incorrectly.

Examples of availability threats include denial of service, power outage, hardware failure, destruction, and service outage.

Question 18 

(tb513124.ITFund.SG2E.c09.17)

To log into a network, you must use a password and answer a security question. What is this an example of?

All Example Of:

Your Answer

- A. Multifactor authentication

- B. Single sign-on
 C. Authorization
 D. Nonrepudiation

 **You Answered Correctly!**

When users are required to use more than one factor for logging in, that is called multifactor authentication. Examples of factors include passwords, PINs, one-time passwords, software tokens, hardware tokens, biometrics, a specific location, and security questions.

Question 19 

(tb513124.ITFund.SG2E.at.17)

Code that is not part of the functionality of the program but is intended to be easy for people to read is called what?

- A. Compiled
 B. Interpreted
 C. Commented
 D. Pseudocode

 **You Answered Incorrectly.**

Pseudocode is used for annotation, and it does not affect the functionality of the program. See Chapter 6 for more information.

Question 20 

(tb513124.ITFund.SG2E.pe02.30)

Which command is used to create queries in a relational database?

NEXT STEPS

- A. FIND
 B. SEEK
 C. SEARCH
 D. SELECT

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 **You Answered Correctly!**

The SELECT command is used to create queries to search for data.