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

Custom Assessment Results   7/31/2023   🖨

Question 1 ⓟ

(tb513124.ITFund.SG2E.pe02.50)

Which of the following is not considered to be a password best practice?

> **Your Answer**
> ⦿ A. Reuse passwords across sites

○ B. Create an open password reset process

○ C. Require a long and complex password

○ D. Enforce password history

> ✅ **You Answered Correctly!**
> Reusing a password across sites increases security risk because if a user's password is compromised, the attacker can use the password for multiple logins. Reusing a password across sites is not recommended. Allowing users to reset their passwords is fine. Password policies should require long and complex passwords and not let users reuse passwords they have used before.

Question 2 ⓟ

(tb513124.ITFund.SG2E.c06.03)

Which of the following are examples of object-oriented programming languages? (Choose two.)

> **Your answer**
> ☑ A. Java

☐ B. XML

> **Your answer**
> ☑ C. Python

☐ D. C

☐ E. SQL

> ✅ **You Answered Correctly!**
> Java and Python are considered object-oriented languages, as are C++, C#, PHP, Perl, and Ruby.

Question 3 ⓟ

(tb513124.ITFund.SG2E.c06.14)

You have created an array that can hold 15 items, all of the integer data type. You want to add a 16th integer. Which of the following is the best approach to doing this?

> **Your Answer**
> ⦿ A. Add it to the existing array.

○ B. Create a separate variable for the 16th integer.

○ C. Convert the integers to floats and add the 16th integer.

> **Correct**
> ○ D. Create a vector and replace the array with it.

> ❌ **You Answered Incorrectly.**

Assessment Results

Grade	**45**

Assessment Perfomance

Correct	✅	9
Incorrect	❌	11
Skipped	➖	0

[Retake Incomplete]   [Retake]

Next Steps

- Return to the Test Bank to create another custom quiz or visit "My Metrics" to review a history of your assessments.

[Return To Test Bank]

Arrays are of a fixed length, so you can't just add another variable if it's at its maximum length. Vectors can have their length dynamically adjusted and might work better in this situation.

Question 4 ⊟
(tb513124.ITFund.SG2E.c10.14)

You are in a library that has free computers to use for Internet browsing. Which of the following should you possibly be concerned about?

○ A. Shoulder surfing

○ B. Keyloggers

○ C. Unsecured wireless network

○ D. A and B

Your Answer
● E. A, B, and C

> ✅ **You Answered Correctly!**
> Shoulder surfing, keyloggers, and unsecured wireless networks are all potential security risks associated with public workstations.

Question 5 ⊟
(tb513124.ITFund.SG2E.c11.01)

When troubleshooting a computer problem, which of the following are steps you can take to identify the problem? (Choose two.)

☐ A. Use external resources such as the Internet.

Your answer
☑ B. Talk to end users.

Your answer
☑ C. Isolate the issue

☐ D. Attribute it to user error.

> ✅ **You Answered Correctly!**
> To identify the problem, you can talk to users, gather information, and isolate the issue. Using external resources such as the Internet is part of the process to establish a theory of probable cause.

Question 6 ⊟
(tb513124.ITFund.SG2E.pe02.46)

In troubleshooting theory, after you establish a theory of probable cause, what do you do next?

○ A. Use external resources

Your Answer
● B. Establish a plan of action

Correct
○ C. Test solutions

○ D. Document the findings

> ❌ **You Answered Incorrectly.**
> After establishing the theory, you need to test solutions. If the solution works or doesn't work, then you establish a further plan of action.

Question 7 ⊟

(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

Correct
○ B. Smart card

○ C. Credit card

Your Answer
◉ D. Fingerprint

> ❌ **You Answered Incorrectly.**
> A smart card is an example of something you have. Passwords are something you know, and fingerprints are something you are.

Question 8

(tb513124.ITFund.SG2E.c09.15)

Which of the following can be used as an authentication factor and for nonrepudiation?

○ A. Password

Your Answer
◉ B. One-time password

Correct
○ C. Biometrics

○ D. Security question

> ❌ **You Answered Incorrectly.**
> Biometrics are a security factor, but it can also be used for nonrepudiation. This is because biometrics cannot be duplicated or stolen from someone, guaranteeing an identity.

Question 9

(tb513124.ITFund.SG2E.c01.03)

Which type of expansion slot provides the fastest data transfer speeds?

○ A. PCI

○ B. PCIe x1

Correct
○ C. PCIe x16

Your Answer
◉ D. PCIe x64

> ❌ **You Answered Incorrectly.**
> PCIe is the fastest expansion slot standard on the market today. PCI is much older and slower. Of the PCIe slots, PCIe x16 is the fastest. There is no PCIe x64 (not yet anyway).

Question 10

(tb513124.ITFund.SG2E.pe02.28)

Which of the following is considered nonstructured data?

○ A. Text

○ B. Numbers

Correct
○ C. Pictures

Your Answer
◉ D. Pictures with metadata

> ❌ **You Answered Incorrectly.**
> Pictures themselves are not searchable—they are just collections of pixels. Therefore, they are nonstructured data.

Question 11

(tb513124.ITFund.SG2E.c09.19)

Your network's security model requires that the administrator configure permissions based on a user's job within the company. What does this describe?

○ A. Rule-based access control

Your Answer
⦿ B. Role-based access control

○ C. Discretionary access control

○ D. Mandatory access control

> ✓ **You Answered Correctly!**
> In role-based access control, users are assigned a role, which determines all of their permissions on the system.

Question 12

(tb513124.ITFund.SG2E.pe01.32)

You are uploading email to an email server. Which protocol is your computer most likely using?

Your Answer
⦿ A. IMAP

Correct
○ B. SMTP

○ C. POP3

○ D. HTTP

> ❌ **You Answered Incorrectly.**
> The three email protocols are IMAP, SMTP, and POP3. SMTP is used to upload email to a server. IMAP and POP3 are for downloading email. HTTP is used with web browsers.

Question 13

(tb513124.ITFund.SG2E.c08.02)

Which one of the following types of network connections can give you the highest data transfer rates?

○ A. T1

Correct
○ B. DSL

○ C. ISDN

Your Answer
⦿ D. Cellular

> ❌ **You Answered Incorrectly.**
> DSL, and broadband in general, can get up to around 50 Mbps without exploring fiber options. This is faster than T1 (1.544 Mbps), ISDN (the basic rate is 128 Kbps), or cellular (up to 20 Mbps).

Question 14

(tb513124.ITFund.SG2E.c03.08)

What is the term used that refers to connecting two Bluetooth devices together for communications?

- A. Syncing

- B. Netting

Your Answer
- ● C. Pairing

- D. Partnering

> ✓ **You Answered Correctly!**
> To have two Bluetooth devices communicate with each other, they need to be paired.

Question 15

(tb513124.ITFund.SG2E.c02.04)

You want to use the video connector with the best resolution. Which one should you pick?

Your Answer
- ● A. HDMI

- B. HEMI

- C. DVI

- D. Component

> ✓ **You Answered Correctly!**
> HDMI is the best video connection standard available today. DVI and component video are older standards. HEMI is not a video connector.

Question 16

(tb513124.ITFund.SG2E.pe02.16)

What is the name of the program that sits on top of the OS, allowing users to execute commands?

Correct
- ○ A. Shell

Your Answer
- ● B. GUI

- C. Source

- D. Kernel

> ✗ **You Answered Incorrectly.**
> The shell is the program that allows users to execute commands. A graphical user interface (GUI) can be an implementation of a shell. The kernel is the core of the OS.

Question 17

(tb513124.ITFund.SG2E.c03.11)

Your friend recently got a new Android phone and comes over to your house. What app does your friend use to set up a Wi-Fi connection with your wireless router?

- A. Wi-Fi

Your Answer
- ● B. Settings

- C. Networking

- D. Connections

> ✅ **You Answered Correctly!**
> The Wi-Fi settings are in the Settings app in Android as well as in iOS.

Question 18 🏳

(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*`

Correct
C. `Tx$pr4y2`

Your Answer
D. No password is required.

> ❌ **You Answered Incorrectly.**
> The network password for clients to use is `Tx$pr4y2`.

Question 19 🏳

(tb513124.ITFund.SG2E.c05.09)

Which of the following types of software licenses requires the user to pay yearly?

A. Single use

B. Open source

Your Answer
C. Subscription

D. Recurring

> ✅ **You Answered Correctly!**
> Subscriptions require the user to pay yearly. There are no recurring licenses.

Question 20 🏳

(tb513124.ITFund.SG2E.pe01.05)

You want to store some data on a DVD-ROM. Which one will allow you to store the most data?

A. SL SS

Your Answer
B. DL SS

C. SL DS

Correct
D. DL DS

> ❌ **You Answered Incorrectly.**
> A double-sided, dual-layer DVD-ROM can store more data than the other types listed.

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