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

Custom Assessment Results 8/8/2023

Question 1 ⚑
(tb513124.ITFund.SG2E.c02.14)

What type of connector do you plug into a modem?

Your Answer
- ⦿ A. RJ-11
- ○ B. RJ-15
- ○ C. RJ-41
- ○ D. RJ-45

> ✔ **You Answered Correctly!**
> RJ-11 connectors are used at the ends of phone lines, which are plugged into modems. RJ-45 connectors are used on the ends of twisted-pair network cables.

Question 2 ⚑
(tb513124.ITFund.SG2E.at.01)

Which of the following optical discs will store the most data?

- ○ A. CD-ROM
- ○ B. DVD-ROM DL

Your Answer
- ⦿ C. DVD-ROM DS
- ○ D. RS-ROM

> ✔ **You Answered Correctly!**
> A double-sided DVD-ROM can store more data than a dual-layer DVD-ROM, and both can store much more than a CD-ROM. There is no RS-ROM. See Chapter 1 for more information.

Question 3 ⚑
(tb513124.ITFund.SG2E.c04.09)

Fred, a co-worker, heard about new software called Oreo. To which operating system is he referring?

- ○ A. iOS
- ○ B. macOS

Your Answer
- ⦿ C. Android
- ○ D. Chrome OS

> ✔ **You Answered Correctly!**
> Android versions are currently named after different types of sweets. iOS versions don't have nicknames. macOS was named after big cats and is now named after California locations.

Question 4 ⚑
(tb513124.ITFund.SG2E.c04.20)

Assessment Results

Grade	**70**

Assessment Perfomance

Correct	✔	14
Incorrect	✖	6
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

Which of the following OSs uses the NT kernel?

> **Your Answer**
> ● A. Windows 10

○ B. Windows 3.11

○ C. macOS

○ D. Chrome OS

> ✓ **You Answered Correctly!**
> Windows 10 uses the Windows NT kernel. Windows 3.11 was created before the NT kernel. macOS and Chrome OS do not use the NT kernel.

Question 5

(tb513124.ITFund.SG2E.c08.02)

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

○ A. T1

> **Your Answer**
> ● B. DSL

○ C. ISDN

○ D. Cellular

> ✓ **You Answered Correctly!**
> 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 6

(tb513124.ITFund.SG2E.pe01.34)

When configuring a wireless router, which of the following should you always do? (Choose two.)

> **Your answer**
> ☑ A. Configure WPA2

☐ B. Enable DNS

> **Your answer**
> ☑ C. Change the wireless password

☐ D. Configure NAT

> ✓ **You Answered Correctly!**
> You should always configure security, and WPA2 is the best option. In addition, change the wireless password to something secure. Finally, you should always change the SSID and administrator password on a wireless router too.

Question 7

(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?

○ 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.

Your Answer

⦿ D. Create a vector and replace the array with it.

> ✓ **You Answered Correctly!**
> 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 8
(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 9
(tb513124.ITFund.SG2E.pe01.24)

Which data type is used as control logic within a program?

○ A. Binary

○ B. Char

○ C. String

Your Answer

⦿ D. Boolean

○ E. Float

> ✓ **You Answered Correctly!**
> The Boolean data type is true or false. If a Boolean response is true, a program will perform one task; while if it's false, the program will perform a different task.

Question 10
(tb513124.ITFund.SG2E.c04.18)

You need to update a Windows driver for a sound card. Which utility should you use?

Your Answer

⦿ A. Device Manager

○ B. Sound Card Manager

○ C. Drivers app

○ D. Control Panel

> ✓ **You Answered Correctly!**
> In Windows, drivers can be upgraded and managed from Device Manager.

Question 11

Which of the following are examples of authentication factors? (Choose two.)

Your answer
☑ A. Biometrics

☐ B. Signature

Your answer
☑ C. One-time password

☐ D. Receipt

✅ **You Answered Correctly!**
Biometrics and a one-time password are examples of authentication factors. Other examples are passwords, PINs, software tokens, hardware tokens, specific location, and security questions.

Question 12

(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 13

(tb513124.ITFund.SG2E.c09.03)

Which of the following are threats to data availability? (Choose two.)

Correct
☐ A. Service outage

☐ B. Replay attack

Your Answer
☒ C. Wiretapping

Your answer
☑ D. Destruction

❌ **You Answered Incorrectly.**
Examples of availability threats include denial of service, power outage, hardware failure, destruction, and service outage.

Question 14

(tb513124.ITFund.SG2E.c07.05)

A user, Ann, is granted permissions to access a database. What is this an example of?

○ A. Data collection

B. Data manipulation

Your Answer

● C. Direct/manual access

Correct

○ D. Data definition

❌ **You Answered Incorrectly.**
Permissions are considered part of data definition.

Question 15 ⊟
(tb513124.ITFund.SG2E.c09.14)

A network administrator wants to enable accounting on her network. Which options should she use? (Choose two.)

☐ A. Biometrics

Your answer

☑ B. Transaction logs

Your Answer

☒ C. Software tokens

Correct

☐ D. Web browser history

❌ **You Answered Incorrectly.**
Accounting on a network tracks what users do. The administrator can use logs or web browser history to do this.

Question 16 ⊟
(tb513124.ITFund.SG2E.pe01.15)

Which of the following is not a basic function of an operating system?

○ A. Monitor system health

○ B. Coordinate hardware components

Your Answer

● C. Provide antivirus protection

○ D. Display file structure and directories for data management

✅ **You Answered Correctly!**
By default, operating systems typically do not provide antivirus protection.

Question 17 ⊟
(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 18 ⊟

(tb513124.ITFund.SG2E.c01.06)

Your friend Joe wants to add another hard drive to his computer. What should he check to make sure that his system will support it?

> **Your Answer**
> ● A. PSU

○ B. Expansion slots

○ C. CPU

○ D. RAM

> ✓ **You Answered Correctly!**
> Joe needs to make sure his power supply has a free connector, as well as enough power to supply the drive. Hard drives do not use expansion slots. The CPU and RAM are indifferent to how many hard drives a computer has installed.

Question 19 ⊟

(tb513124.ITFund.SG2E.at.27)

Your manager read about a replay attack and is worried a hacker will try to use it on your network. What type of concern is this?

○ A. Confidentiality

> **Your Answer**
> ● B. Integrity

○ C. Availability

○ D. Authentication

> ✓ **You Answered Correctly!**
> A replay attack is an example of an integrity concern. Other examples are man-in-the-middle attacks, impersonation, and unauthorized information alteration. See Chapter 9 for more information.

Question 20 ⊟

(tb513124.ITFund.SG2E.pe02.12)

The computer that Michael uses for his daily work also hosts the printers for four other users on the network. What type of device is Michael using?

> **Your Answer**
> ● A. Workstation

○ B. Dedicated server

> **Correct**
> ○ C. Nondedicated server

○ D. Laptop

> ✕ **You Answered Incorrectly.**
> Michael uses his system as a workstation, but because it provides services to others, it's classified as a server. Since it doesn't function exclusively as a server, it's a nondedicated server.