

Sample Questions

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CompTIA IT Fundamentals Certification Practice Questions

Question 1

Which of the following is used for temporary storage of program data that is cleared when the computer is turned off?

- A. CPU
 - B. SSD
 - C. Hard drive
 - D. System memory
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Question 2

Which of the following methods of patching allows for vendor controlled updates, reduced user interaction, and increased security of the operating system or application?

- A. Upgrading on a periodic basis
 - B. Frequent patching
 - C. Automatic updates
 - D. Patching scheduled daily
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Question 3

Which of the following security threats would the use of cable locks reduce?

- A. Shoulder surfing
 - B. Phishing
 - C. Hardware theft
 - D. Dumpster diving
-

Question 4

Which of the following is a reason why password complexity is a best practice?

- A. It makes passwords harder to crack.
 - B. It encourages users to write down passwords so they are not forgotten.
 - C. It forces users to develop typing skills.
 - D. It discourages users from using the same password with different accounts.
-

Question 5

A user receives an email containing a link. When they hover the mouse over the link, the actual URL does not match the text in the body of the email and appears to be a string of random characters. Which of the following is the BEST course of action?

- A. Forward the email to a friend to ask for advice.
 - B. Reply to the sender asking for confirmation that it is safe to open.
 - C. Delete the email without clicking on the link.
 - D. Click the link because malware protection software is installed on the computer.
-

Question 6

Which of the following components serves as temporary storage for computer operations?

- A. System board
 - B. Central processing unit
 - C. Random access memory
 - D. Expansion card
-

Question 7

The extension .rtf is an example of which of the following file types?

- A. Document
 - B. Executable
 - C. Audio
 - D. Spreadsheet
-

Question 8

Which of the following is a common way to prevent physical theft of a laptop or workstation?

- A. Shred any sensitive information to prior to disposal.
 - B. Avoid storing passwords near the computer.
 - C. Practice good awareness skills when entering passwords/PINs.
 - D. Cable and lock device securely attached to a solid object.
-

Question 9

After installing a new software application, a user notices that the application launches in demo mode. Which of the following needs to be done to fully activate the software package?

- A. Enter a product or license key.
 - B. Contact the vendor support.
 - C. Reinstall the software application.
 - D. Complete the software installation.
-

Question 10

A user's laptop hard drive contains sensitive information. The user often plugs the laptop into the corporate network. A sensitive file from the laptop has been found on another user's laptop. How could

the user have prevented this breach?

- A. Disable file and print sharing on the laptop.
 - B. Disable file and print sharing on the laptop.
 - C. Remove shared keys from the key ring.
 - D. Set the read-only attribute on the files.
-

Question 11

A user's government identification number, birth date, and current address are considered which of the following?

- A. IMAP
 - B. HTTP
 - C. PII
 - D. HTTPS
-

Question 12

Which of the following is the function of a CPU?

- A. Encrypts data for remote transmission
 - B. Performs data computation
 - C. Supplies electricity to components
 - D. Provides storage location for files
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Question 13

When trying to activate the operating system, a user receives a notice that the software is not genuine. Which of the following security threats has occurred?

- A. Social engineering
 - B. Phishing
 - C. Virus attack
 - D. License theft
-

Question 14

A user is configuring a SOHO wireless router. The user should change

the router's default administrator password for which of the following reasons?

- A. To prevent improper data transmission encryption
 - B. To prevent unauthorized configuration changes
 - C. To prevent social engineering attacks
 - D. To increase wireless signal strength
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Question 15

A user wants to purchase a CAD application that requires 8GB of RAM to operate. Which of the following operating system types is required?

- A. 8-bit
 - B. 16-bit
 - C. 32-bit
 - D. 64-bit
-

Question 16

Several users want to share a common folder with high availability. Which of the following devices is BEST to use for this requirement?

- A. Large USB flash drive connected to a PC
 - B. Medium capacity SATA hard drive
 - C. Network attached storage appliance
 - D. Firewall with security management
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Question 17

Which of the following is the component responsible for interconnectivity of internal system devices?

- A. System case
 - B. Power supply
 - C. Motherboard
 - D. Expansion card
-

Question 18

Which of the following software types protects a desktop from malicious attacks?

- A. Backup
 - B. Antivirus
 - C. Diagnostic
 - D. Screensaver
-

Question 19

Which of the following internal computer components is used to connect video, audio, and network cards?

- A. CPU
 - B. Motherboard
 - C. Hard drive
 - D. Modem
-

Question 20

Which of the following is MOST important to ensure a computer temperature is maintained within normal limits?

- A. Maintaining constant power output
 - B. Ensuring sufficient airflow
 - C. Keeping the case open
 - D. Turning the wireless off when not needed
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Question 21

An employee is using a desk phone that is connected only via a network cable. Which of the following technologies is the phone using?

- A. LTE
- B. GSM
- C. VoIP
- D. CDMA

Question 22

Which of the following file types is used to consolidate a group of files?

- A. .rtf
 - B. .m3u
 - C. .avi
 - D. .rar
-

Question 23

Which of the following permissions is required to run a .bat file?

- A. Delete
 - B. Execute
 - C. Write
 - D. Modify
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Question 24

After installing the OS on a workstation, a technician notices that everything is displayed in large windows and the viewing area is limited. Which of the following will the technician need to adjust to resolve this issue?

- A. Color depth
 - B. Orientation
 - C. DPI settings
 - D. Resolution
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Question 25

Which of the following connector types can be used by both mice and keyboards? (Select TWO).

- A. Thunderbolt
- B. eSATA
- C. USB
- D. PS/2

E. FireWire

Question 26

Which of the following will allow the easiest and fastest way to share a single file between two modern smartphones without joining the same WiFi network?

- A. Micro SD card
 - B. Bluetooth
 - C. USB connection
 - D. Infrared
-

Question 27

An end-user has 16GB of RAM installed on a computer system. Which of the following describes why the OS only uses a maximum of 4GB of RAM?

- A. The operating system is 16-bit.
 - B. The computer has corrupted RAM.
 - C. The computer has a defective motherboard.
 - D. The operating system is 32-bit.
 - D. The computer has a virus.
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Question 28

A technician just installed a new computer. Which of the following is the BEST way to manage the cables?

- A. Line the cables up neatly and wrap them together with cable ties.
 - B. Leave the cables loose to prevent interference between wires.
 - C. Nail the cables to the wall.
 - D. Tuck the cables neatly underneath the carpet.
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Question 29

A user wants to run a major update on a laptop. Which of the following should be considered before running any major updates?

- A. Restore folders from back up
 - B. Change administrator account password
 - C. Back up important folders
 - D. Print all personal documents
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Question 30

Which of the following allows for the FASTEST printer connections?

- A. Bluetooth
 - B. USB
 - C. Parallel
 - D. Serial
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Question 31

A user needs to establish an initial password for an email account. Which of the following is the BEST example of a complex password?

- A. 01#iWant!2686612338
 - B. iWantobeaCosmonau#
 - C. 01c234n56789v9876x21
 - D. 012iWanttobe210
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Question 32

Which of the following is an advantage of using a 64-bit operating system?

- A. Ability to recognize an SSD
 - B. Ability to obtain an IPv6 address³
 - C. Ability to utilize a larger amount of RAM
 - D. Ability to add two or more hard drives
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Question 33

A user has finished browsing the Internet on a public hotel workstation. Which of the following steps should be taken to BEST secure PII?

- A. Log out of the guest account and reboot
 - B. Update the browsers, extensions and plugins
 - C. Run a virus scan on the workstation
 - D. Clear the browser cache, cookies and history
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IT Fundamentals Answer Key

Question 1) D. System memory

Question 2) C. Automatic updates

Question 3) C. Hardware theft

Question 4) A. It makes passwords harder to crack.

Question 5) C. Delete the email without clicking on the link.

Question 6) C. Random access memory

Question 7) A. Document

Question 8) D. Cable and lock device securely attached to a solid object.

Question 9) A. Enter a product or license key.

Question 10) A. Disable file and print sharing on the laptop.

Question 11) C. PII

Question 12) B. Performs data computation

Question 13) D. License theft

Question 14) B. To prevent unauthorized configuration changes

Question 15) D. 64-bit

Question 16) C. Network attached storage appliance

Question 17) C. Motherboard

Question 18) B. Antivirus

Question 19) B. Motherboard

Question 20) B. Ensuring sufficient airflow

Question 21) C. VoIP

Question 22) D. .rar

Question 23) B. Execute

Question 24) D. Resolution

Question 25) C. USB & D. PS/2

Question 26) B. Bluetooth

Question 27) D. The operating system is 32-bit.

Question 28) A. Line the cables up neatly and wrap them together with cable ties.

Question 29) C. Back up important folders

Question 30) B. USB

Question 31) A. 01#iWant!2686612338

Question 32) C. Ability to utilize a larger amount of RAM

Question 33) D. Clear the browser cache, cookies and history