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FC0-U51

CompTIA IT Fundamentals Certification Exam

Sections

1. Software
2. Hardware
3. Security
4. Networking
5. Basic IT Literacy
6. Mix Questions

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Exam A

QUESTION 1

A user has downloaded an application file with the .dmg file extension. Which of the following operating systems can be used with this file by default?



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- A. iOS
- B. Windows
- C. Mac OS
- D. Chrome OS

Correct Answer: C

Section: Software

Explanation

Explanation/Reference:

QUESTION 2

By default, which of the following types of operating systems can automatically detect a user's location while the user is traveling in a bus?

- A. Server
- B. Desktop workstation
- C. Virtual server
- D. Mobile

Correct Answer: D

Section: Software

Explanation

Explanation/Reference:

QUESTION 3

A user had to replace the hard drive in a computer. The user would like to install the games that came with the computer but were not installed as part of the initial OS setup wizard. The user can install the games by performing which of the following?

- A. Schedule automatic updates.
- B. Enable installed OS features.
- C. Update hardware drivers.
- D. Reinstall productivity applications.

Correct Answer: B

Section: Software

Explanation

Explanation/Reference:

QUESTION 4

When considering backup media, which of the following holds the MOST data?

- A. BD-R
- B. DVD-R
- C. DVD-DL
- D. CD-ROM

Correct Answer: A

Section: Hardware

Explanation

Explanation/Reference:

QUESTION 5

Which of the following printers requires a special type of paper in order to print?

- A. Impact
- B. Thermal
- C. Inkjet
- D. Laser

Correct Answer: B

Section: Hardware
Explanation

Explanation/Reference:

QUESTION 6

Which of the following components provides the FASTEST medium for hosting and storing an operating system?

- A. Blu-Ray disc
- B. 7200RPM HDD
- C. SSD
- D. DVD-RW

Correct Answer: C
Section: Hardware
Explanation

Explanation/Reference:

QUESTION 7

Which of the following could be described as both an input and output device?

- A. Flat-screen monitor
- B. Multi-function printer
- C. Microphone
- D. Scanner

Correct Answer: B
Section: Hardware
Explanation

Explanation/Reference:

QUESTION 8

Which of the following components are used to store data? (Select TWO).

- A. Motherboard
- B. RAM
- C. CPU
- D. GPU
- E. SSD

Correct Answer: BE

Section: Hardware

Explanation

Explanation/Reference:

QUESTION 9

Which of the following computer components are used to store data? (Select TWO).

- A. GPU
- B. HDD
- C. RAM
- D. NIC
- E. CPU

Correct Answer: BC

Section: Hardware

Explanation

Explanation/Reference:

QUESTION 10

Which of the following connectors consists of three separate plugs for video?

- A. Display port
- B. S-video
- C. Thunderbolt
- D. Component

Correct Answer: D

Section: Hardware

Explanation

Explanation/Reference:

QUESTION 11

Which of the following allows for the FASTEST printer connections?



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

Correct Answer: B

Section: Hardware

Explanation

Explanation/Reference:

QUESTION 12

A laptop owner, Ann, can no longer see web pages when she opens her browser, and she can only see her search bars and plug-ins. Which of the following is the MOST likely source of this issue?

- A. The computer does not have current antivirus software installed
- B. The computer needs to have its components upgraded
- C. The downloaded toolbars are filling the browser screen
- D. The owner was not using complex passwords

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 13

Which of the following is the MOST sensitive Personally Identifiable Information (PII) and should be shared cautiously and only with trusted resources?

- A. Email address
- B. Phone number
- C. Mother's maiden name
- D. Last name

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 14

A user will be traveling with a smartphone that contains confidential information. Which of the following should be disabled? (Select TWO).

- A. Keyboard
- B. Speakers
- C. Mouse
- D. Bluetooth
- E. NFC

Correct Answer: DE

Section: Security

Explanation

Explanation/Reference:

QUESTION 15

A technician wants to minimize the risk of having third parties track previously visited web pages. Which of the following should be performed in the Internet browser's settings? (Select TWO).

- A. Select form data
- B. Disable location services
- C. Remove cookies
- D. Clear history
- E. Change passwords

Correct Answer: CD

Section: Security

Explanation

Explanation/Reference:

QUESTION 16

When setting up a new device, there are multiple features available that will never be used. Which of the following should the user do to make the new device more secure?

- A. Make all users administrators.
- B. Remove or disable the unnecessary features.
- C. Install a password manager on the device.
- D. Make all users guests.

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 17

Joe, a user, saves a document to a flash drive on his computer in order to print the document from a public computer kiosk. After returning home and reinserting the flash drive in his computer, the security software identifies an infected file on the flash drive. Which of the following is the MOST likely cause of the infection?

- A. The flash drive was infected by a war driving hacker on the way to the public kiosk.
- B. The public workstation was infected by Joe's flash drive.
- C. The public workstation was infected and passed the virus to the flash drive.
- D. The flash drive was already infected by the user's computer.

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 18

A user is browsing the Internet when suddenly a threatening message appears on screen demanding a payment in order to avoid the system being disabled. Which of the following BEST describes this type of malware infection?

- A. Ransomware
- B. Adware
- C. Spyware
- D. Virus

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

QUESTION 19

Which of the following is an example of ransomware?

- A. A user is asked to pay a fee for a password to unlock access to their files.
- B. A user receives an email demanding payment for a trial application that has stopped working.
- C. A user has opened an Internet browser and is taken to a site that is not the normal home page.
- D. A user is asked to open an attachment that verifies the price of an item that was not ordered.

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

QUESTION 20

An employee, Joe, forgot his laptop at the airport. Joe is worried about unauthorized access. Which of the following BEST protects against data theft in this instance?

- A. Security software
- B. Full disk encryption
- C. Cable lock
- D. Username and password
- E. Patching the OS and third party software

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 21

Multiple laptops that contain confidential data are stolen from a company. Which of the following is a likely policy change resulting from this incident?



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- A. Enabling full disk encryption
- B. Requiring screensaver password
- C. Disabling Bluetooth adapters
- D. Adding multifactor authentication

Correct Answer: A

Section: Security

Explanation

Explanation/Reference:

QUESTION 22

A user receives an email formatted to appear as if the bank sent it. The email explains that the user must confirm the name, address, and social security number

listed on the bank account. Which of the following BEST describes the security threat taking place?

- A. Shoulder surfing
- B. Social engineering
- C. Spam
- D. Phishing

Correct Answer: D

Section: Security

Explanation

Explanation/Reference:

QUESTION 23

A user, Ann, is concerned about theft of her laptop and does not want a thief to have easy access to all of her banking and email. Which of the following precautions could be taken to mitigate this issue?

- A. Only browse the Internet on WiFi connections that use WPA2
- B. Turn off the guest account in the operating system
- C. Disable autofill functionality within the web browser
- D. Remove any legacy browsers from the computer

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 24

A user is configuring a new wireless router. Which of the following should be done to ensure that unauthorized changes cannot be made?

- A. Change the SSID
- B. Change the router's address
- C. Change the administrator password
- D. Change the encryption key

Correct Answer: C

Section: Security

Explanation

Explanation/Reference:

QUESTION 25

Which of the following would BEST be described as password best practices? (Select THREE).

- A. Use of long passwords
- B. Sharing passwords with a trusted source
- C. Limiting password reuse
- D. Keeping default passwords
- E. Use of special characters
- F. Writing down difficult passwords

Correct Answer: ACE

Section: Security

Explanation

Explanation/Reference:

QUESTION 26

A user, Ann, receives a call asking for her password to troubleshoot a problem. Which of the following describes this type of security threat?

- A. Malware
- B. Social engineering
- C. Spam
- D. Physical security

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 27

Malware that has an embedded keylogger to capture all of the keystrokes and steal logins is considered:

- A. adware
- B. spyware
- C. ransomware
- D. phishing

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 28

Which of the following security threats occurs when a user receives an email from an illegitimate source asking for login information?

- A. Hacking
- B. Phishing
- C. Spam
- D. Cracking

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 29

Which of the following are best practices when it comes to using a computer in a public location? (Select TWO).

- A. Notify the administrator when finished.
- B. Use strong passwords.
- C. Turn off the computer when finished.
- D. Disable the save password function on web pages.
- E. Make sure to clean the keyboard when finished.
- F. Make sure to log out of websites when done.

Correct Answer: DF

Section: Security

Explanation

Explanation/Reference:

QUESTION 30

Joe, a user, wishes to allow his roommate to access his personal computer for Internet browsing, but does not want his roommate to have the ability to make changes to the system. Which of the following BEST describes the type of account Joe should create for his roommate?

- A. Standard
- B. Guest
- C. Administrator
- D. Power user

Correct Answer: B

Section: Security

Explanation

Explanation/Reference:

QUESTION 31

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

Correct Answer: B

Section: Networking

Explanation

Explanation/Reference:

QUESTION 32

Which of the following BEST describes the pros and cons of a home wired network?

- A. Low throughput, low mobility, high availability, high latency, high security
- B. High throughput, high mobility, low availability, low latency, high security
- C. High throughput, low mobility, high availability, low latency, high security
- D. Low throughput, high mobility, low availability, high latency, low security

Correct Answer: C

Section: Networking

Explanation

Explanation/Reference:

QUESTION 33

A technician has just finished setting up a SOHO wireless router but the client does not want the PC on the wireless network for security reasons. The technician connects an RJ-45 cable to the computer and the router, but does not receive network connectivity. Which of the following is the NEXT step to diagnose the problem?

- A. Change the IP address on the computer to match the router.
- B. Reseat the power cable on the computer and reboot.
- C. Check for link light activity on the computer and the router.
- D. Change the hostname of the router to match the computer's network.

Correct Answer: C

Section: Networking

Explanation

Explanation/Reference:

QUESTION 34

Which of the following is an advantage of using cloud-based collaborative applications and storage, rather than local applications and storage?

- A. Decreased software licensing costs
- B. Higher security encryption
- C. Limited storage space for files
- D. Increased accessibility to files

Correct Answer: D
Section: Networking
Explanation

Explanation/Reference:

QUESTION 35

Which of the following data connections would provide a user the BEST Internet availability while traveling?

- A. Workstation with only RJ-45 connectors
- B. Smartphone with cellular service
- C. Laptop with Bluetooth wireless connectivity
- D. Tablet connected to a SOHO wireless network

Correct Answer: B
Section: Networking
Explanation

Explanation/Reference:

QUESTION 36

A technician is configuring a wireless router for a small office and the business owner would like the wireless network to be secured using the strongest encryption possible. Which of the following should the technician choose?

- A. WPA2
- B. WAP
- C. WPA
- D. WEP

Correct Answer: A
Section: Networking
Explanation

Explanation/Reference:

QUESTION 37

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?



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

Correct Answer: A

Section: Networking

Explanation

Explanation/Reference:

QUESTION 38

Joe, a user, needs to store a large amount of data, but does not have enough space on his local computer. Which of the following are the BEST options for him to use? (Select TWO).

- A. Network attached storage
- B. External hard drive
- C. Optical drive
- D. USB thumb drive
- E. Another computer

Correct Answer: AB

Section: Networking

Explanation

Explanation/Reference:

QUESTION 39

When connecting a printer to a network, which of the following is needed to complete the process? (Select TWO).

- A. IP address
- B. User's password
- C. Computer's name
- D. Subnet mask
- E. HTTP port
- F. Fax number

Correct Answer: AD

Section: Networking

Explanation

Explanation/Reference:

QUESTION 40

Which of the following protocols is used to secure communications between sender and receiver?

- A. SIP
- B. SNMP
- C. SSL
- D. SMTP

Correct Answer: C

Section: Networking

Explanation

Explanation/Reference:

QUESTION 41

Which of the following connections provide data with the MOST secure protection from interception?

- A. Wired
- B. WiFi
- C. IR

D. Cellular

Correct Answer: A

Section: Networking

Explanation

Explanation/Reference:

QUESTION 42

A technician has been tasked with changing the settings for a used SOHO router, but does not have the administrator password because the previous owner changed it. Which of the following actions will resolve this issue?

- A. Click "Forgot password."
- B. Use a password cracker.
- C. Hold the reset button.
- D. Use the password: password.

Correct Answer: C

Section: Networking

Explanation

Explanation/Reference:

QUESTION 43

A user is setting up an older wireless access point that has only WEP for encryption. Which of the following additional steps will help to secure the network? (Select TWO).

- A. Disable SSID broadcast.
- B. Refresh the MAC address.
- C. Filter the MAC address.
- D. Refresh the IP address.
- E. Use CAT6 cables.

Correct Answer: AC

Section: Networking

Explanation

Explanation/Reference:

QUESTION 44

When setting up a new workstation, which of the following should be configured during the initial OS setup wizard?

- A. Additional software
- B. Date and time settings
- C. Peripheral devices
- D. Security software

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 45

Which of the following is the BEST reason to backup data?

- A. To ensure data encryption
- B. To ensure data stability
- C. To ensure data security
- D. To ensure data availability

Correct Answer: D

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 46

Which of the following is a safety feature of cloud-based backups?

- A. Incremental copy of data
- B. Local copy of data
- C. Offsite storage of data

D. Full backup of PC data

Correct Answer: C

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 47

A technician is setting up a computer that was shipped. After everything is plugged in, the computer will not turn on. Which of the following should the technician do FIRST to identify the issue?

- A. Check for physical damage on the computer.
- B. Search for a solution on the Internet.
- C. Reference the manufacturer's documentation.
- D. Ensure the power supply is set at the correct voltage.

Correct Answer: D

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 48

Ann, a user, wishes to free space in her documents folder. Which of the following is the BEST characteristic to sort by in order to ensure that the most space is freed by deleting the least amount of files?

- A. Date modified
- B. File path
- C. Size
- D. Extension

Correct Answer: C

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 49

Where can a user find the latest updates, upgrades, or firmware for an electronic device that the vendor supports?

- A. Internet search engine
- B. Internet forum
- C. Technical community groups
- D. OEM website

Correct Answer: D

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 50

When applying ergonomics to a workstation area, which of the following are the MOST important to consider? (Select TWO).

- A. Proper sitting position
- B. Amount of time computer will be used
- C. Clarity of the display
- D. Proper keyboard and mouse height
- E. Number of speakers in sound system
- F. Brightness and contrast of the display

Correct Answer: AD

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 51

An RoHS label on hardware indicates which of the following?

- A. The hardware produces EMI when used.
- B. The hardware is certified to be energy efficient.

- C. The hardware provides battery backup for power outages.
- D. The hardware needs to be properly disposed.

Correct Answer: D

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 52

Ann, a user, reports that her computer was working this morning, but now the screen is blank. The power indicator for the monitor is on. Pressing the space bar or mouse does not fix the problem. Which of the following is the cause?

- A. The monitor power cable is unplugged.
- B. The video cable has become disconnected.
- C. The video driver is not installed.
- D. The operating system has encountered a stop error.
- E. The screen saver has activated.

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 53

Which of the following will allow a user to move a file from one folder to another using the LEAST number of steps, while ensuring that the file is removed from its original location?

- A. Open the file from its original location, save it to the new location, and delete it from the original location.
- B. Cut the file from its original location and paste it to the new location.
- C. Rename the file in its original location to a name that is not already taken in the new location.
- D. Copy the file from its original location and paste it to the new location.

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 54

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

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

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 55

After initial OS and application installation on a laptop, an application warns that it will only work 24 more times. Which of the following should be done NEXT?



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- A. The application has to be registered to the user.
- B. The application must be upgraded to a 64-bit version.
- C. The application must be activated.
- D. The application needs to be reinstalled.

Correct Answer: C

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 56

An employee's new computer came with a free 30-day trial version of antivirus software. The employee's company provides enterprise antivirus software from a different vendor. Which of the following should the employee do in order to use a full version of antivirus software?

- A. Enter the company product key for the antivirus software, enabling the full version.
- B. Uninstall the current version antivirus software and install the company version.
- C. Verify Internet connectivity and run online virus scanning software.
- D. Update the trial antivirus software to the latest version.

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 57

A user has finished setting up a new computer. Now the operating system requires activation, but the user discovers the computer has no Internet connection. Which of the following should the user do FIRST?

- A. Contact technical support.
- B. Reboot the computer.
- C. Check the Ethernet cable.
- D. Review manufacturer's website.

Correct Answer: C

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 58

Which of the following is a feature of a basic power strip?

- A. Protects against lightning strikes
- B. Provides multiple outlets for power
- C. Generates power for devices

D. Provides battery backup for devices

Correct Answer: B

Section: Basic IT Literacy

Explanation

Explanation/Reference:

QUESTION 59

Which of the following should be done to reduce physical safety hazards around a newly installed computer?

- A. Verify all connections are seated properly.
- B. Avoid placing other computers nearby.
- C. Bundle loose cables with zip ties or Velcro straps.
- D. Attach all peripherals to the computer.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 60

A user with an outdated operating system is consistently browsing sensitive websites such as banking, email, and corporate intranets. The Internet browser of choice is one that has already lost patch support and is not updated anymore. Which of the following actions will remedy this situation?

- A. Uninstall all unused browser extensions and toolbars to help reduce risks.
- B. Convert the user's account to an admin level account, to provide better overall security.
- C. Move to an alternate browser that still has consistent security update support.
- D. Install multiple anti-malware and firewall products to harden the computing experience.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 61

Which of the following connectors is MOST often used to connect a computer to a network?

- A. RJ-45
- B. RJ-11
- C. IDE
- D. eSATA

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 62

A user is installing a new scanner on a computer. Which of the following MOST likely needs to be installed in order for this equipment to work?

- A. License key
- B. OS update
- C. Firmware
- D. Driver

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 63

Which of the following software is used to reduce the size of a file or folder?

- A. Desktop publishing
- B. Basic database
- C. Compression
- D. Anti-malware

Correct Answer: C
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 64

Which of the following is used with a touch screen to increase accuracy?

- A. Touchpad
- B. Stylus pen
- C. Joystick
- D. Trackball

Correct Answer: B
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 65

Which of the following internal components is used for temporary data storage in a workstation?

- A. Power supply
- B. CPU
- C. RAM
- D. Hard drive

Correct Answer: C
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 66

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

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 67

Which of the following BEST describes malicious software that demands the end-user pay a fee or face the destruction of their files?

- A. Trojan
- B. Virus
- C. Spyware
- D. Ransomware

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 68

Which of the following should be done to reduce the risk of having sensitive passwords compromised while browsing the Internet?

- A. Enable software firewalls to block unknown ports
- B. Disable autofill of forms and passwords
- C. Enable screensavers and time-outs on the computer
- D. Use ad-blocking software on the computer

Correct Answer: B

Section: Mix Questions

Explanation**Explanation/Reference:****QUESTION 69**

Which of the following would be the MOST efficient way to transport a file from one location on a local hard drive to a different location on the same hard drive?

- A. Rename
- B. Cut
- C. Move
- D. Save

Correct Answer: C

Section: Mix Questions

Explanation**Explanation/Reference:****QUESTION 70**

A student wishes to share contacts with another student's mobile device. Which of the following would be the easiest method to use?

- A. Network attached storage
- B. Bluetooth sharing
- C. Local hard drive
- D. Peer-to-Peer network

Correct Answer: B

Section: Mix Questions

Explanation**Explanation/Reference:****QUESTION 71**

When setting up a new desktop, which of the following should be performed FIRST?

- A. Configure user accounts

- B. Plug in cables
- C. Install security software
- D. Configure wireless network settings

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 72

A user, Joe, wants to install an application on his computer. Which of the following factors should he be aware of before beginning?



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- A. The computer has the proper hard drive drivers installed.
- B. The computer is connected to a secure wireless network.
- C. Check for any updates for the application.
- D. The computer meets the application's minimum requirements.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 73

Which of the following applications would a user employ to write a business letter?

- A. Spreadsheet software
- B. Word processor
- C. Desktop publishing

D. Presentation software

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 74

Which of the following devices transmits and receives printed images over a telephone line?

A. Monitor

B. Fax

C. Scanner

D. Webcam

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 75

Which of the following video connections provides the highest resolution?

A. USB

B. S-video

C. HDMI

D. VGA

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 76

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.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 77

Which of the following is the BEST reason to change a wireless router's default SSID?

- A. To make it easier to identify in a location with several routers.
- B. To make the network feel more personal.
- C. To make it more difficult to join.
- D. To make the network secure.

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 78

A user, Joe, is concerned about the safety of his personal information on a website. Which of the following can Joe look for to ensure that his personal information is not at risk? (Select TWO).

- A. HTTP on the browser address bar
- B. Suspicious ads in the browser
- C. HTTPS on the browser address bar
- D. A lock symbol on the browser address bar

E. The word secure in the browser address bar

Correct Answer: CD

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 79

Which of the following data connection types provides the HIGHEST mobility?

- A. WiFi
- B. Cellular
- C. Direct link
- D. Wired

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 80

Which of the following items require ESD precautions?

- A. Upgrading to a new touch screen monitor
- B. Adding a micro SD card to a smartphone
- C. Installing an compact flash card into a laptop
- D. Replacing RAM in a personal computer

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 81

Which of the following are reasons to verify backups? (Select TWO).

- A. To create a system image for easy restore
- B. To confirm all selected data was backed up
- C. To diagnose any backup media hardware failure
- D. To determine if backup software needs to be patched
- E. To ensure files can be restored

Correct Answer: BE

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 82

A user has just removed a new desktop PC from the box and has plugged in several new peripheral devices. During which of the following steps will the plug and play peripheral devices be installed on the new PC?

- A. Installing security software
- B. Powering on for the first time
- C. Booting the operating system
- D. Adding additional user accounts

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 83

When storing a document in the cloud, a user needs to be:

- A. On a shared drive.
- B. Using a USB cable.
- C. Connected to the Internet.

D. In airplane mode.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 84

Which of the following device types is needed within a computer to read information on a CD-ROM?

- A. Network card
- B. Optical drive
- C. Video card
- D. Solid state drive

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 85

Which of the following ports can be used to connect an external hard drive to a computer? (Select TWO).

- A. MIDI
- B. PS/2
- C. eSATA
- D. RJ-45
- E. USB
- F. RJ-11

Correct Answer: CE

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 86

Which of the following is considered an open-source operating system?

- A. Windows
- B. Chrome OS
- C. Mac OS X
- D. Linux

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 87

A technician wants to keep a router up to date. Which of the following **MUST** be updated regularly?

- A. SSID
- B. Administrator password
- C. Wireless encryption
- D. Firmware

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 88

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

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

Correct Answer: A
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 89

Which of the following are examples of video connectors? (Select TWO).

- A. VGA
- B. Serial
- C. HDMI
- D. eSATA
- E. PS/2

Correct Answer: AC
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 90

When setting up a new computer, where does a user change the date and time?

- A. Peripheral configuration
- B. Localization settings
- C. Screen resolution
- D. eSATA settings

Correct Answer: B
Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 91

A user wants to have the latest security patches and bug fixes installed on a computer. Which of the following is the BEST method to achieve this?

- A. Configure anti-malware updates
- B. Manually update before each use
- C. Update every six months
- D. Schedule automatic updates

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 92

A user is accessing an online bank account for the first time via an Internet browser. Which of the following should the user check? (Select TWO).

- A. HTTPS before the URL
- B. Exclamation point on the status bar
- C. Lock symbol in the address bar
- D. HTTP before the URL
- E. Skull/crossbones symbol in the corner

Correct Answer: AC

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 93

Which of the following CPU cooling types is BEST in a dusty environment?



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- A. Liquid cooling
- B. Open case
- C. Case fan
- D. Heat sink fan

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 94

To reduce the risk of installing unapproved or possibly malicious apps on a smartphone, a user should:

- A. Download apps from a user-supported community.
- B. Use a search engine to identify safe apps.
- C. Update the firmware to the latest version.
- D. Utilize the vendor-provided app store.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 95

Which of the following computer connector types was designed specifically for allowing high-speed external hard drive transfers?

- A. DVI
- B. USB
- C. eSATA
- D. HDMI

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 96

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.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 97

Ann, a user, is browsing shopping websites on the Internet when she receives a pop-up message on her screen indicating a virus has been detected by the antivirus software. Which of the following actions should be performed NEXT?

- A. Ignore the message because it is likely adware.
- B. Run a scan on the entire local drive.
- C. Clear temporary files and folders.
- D. Minimize the alert and continue browsing the Internet.

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 98

Joe, a user, has many applications on his computer and is trying to use software management best practices. Which of the following should he consider?

- A. Install a desktop cleanup application.
- B. Uninstall unneeded applications.
- C. Load each application one at a time.
- D. Manage the use of internal memory.

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 99

Which of the following is a benefit of setting up a computer to receive automatic updates from the OS vendor?

- A. Arranges the hard drive files in order
- B. Restores missing files that were lost or deleted
- C. Keeps the software current and applies security patches
- D. Provides the latest virus definitions to keep the computer safe

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 100

Which of the following application types is MOST often used for doing a mail merge?

- A. PDF software
- B. Word processor
- C. Presentation software
- D. Personal information manager

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 101

Which of the following security threats includes suspicious activity, such as reviewing someone's screen display without permission?

- A. Malware
- B. Shoulder surfing
- C. Phishing
- D. Password cracking

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 102

A user reports an inability to access the Internet on a new SOHO router. On further investigation, a technician notices that the wireless network is not visible. Which of the following is the MOST likely cause?

- A. SSID broadcast is disabled
- B. Wireless password has changed
- C. Firmware update is required
- D. WPA2 is enabled

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 103

Which of the following storage methods is MOST likely used in corporate settings to save large amounts of data in a secured manner?

- A. HTTP

- B. HTTPS
- C. FTPS
- D. FTP

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 104

Which of the following describes the difference between open source and commercial operating systems?

- A. Open source operating systems only run on desktop computers, whereas commercial operating systems run on servers.
- B. Open source operating systems run on standard and non-standard hardware, whereas commercial operating systems only run on specific hardware.
- C. Open source operating systems can be downloaded and used by everyone, whereas commercial operating systems can only be used by companies.
- D. Open source operating systems are usually provided free of charge, whereas most commercial operating systems are usually provided at some cost.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 105

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

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 106

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

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 107

Which of the following allows for hands-free operation of a wireless device?

- A. Encryption
- B. Wireless password
- C. Bluetooth pairing
- D. Internet connectivity

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 108

Joe, a user, is setting up a new computer and wants to minimize the risk of a malicious software infection over the network. Which of the following should be configured on the new computer? (Select THREE).

- A. Password policies
- B. Multiple user accounts
- C. Software firewall

- D. Driver updates
- E. Operating system updates
- F. Anti-malware software

Correct Answer: CEF

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 109

Which of the following is the primary goal in performing a backup verification?

- A. Ensure backup data can be correctly restored
- B. Prove the media has sufficient space for the data
- C. Configure frequency of backups
- D. Adhere to legal backup storage requirements

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 110

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

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

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 111

Which of the following keys should be pressed to enable access to various menus?

- A. ALT
- B. SHIFT
- C. TAB
- D. CTRL

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 112

Which of the following methods are MOST likely used to reduce the internal temperature of a computer?

- A. Install a protective cover
- B. Reduce display brightness
- C. Air circulation
- D. Electronic recycling
- E. Liquid cooling

Correct Answer: CE

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 113

A technician is setting up a router and would like to increase the security level. Which of the following actions will achieve this?



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- A. Installing anti-malware on the router
- B. Changing the default admin password
- C. Increasing transmission power
- D. Configuring multifactor logon authentication

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 114

Which of the following data connections can span the FARTHEST distance?

- A. WiFi
- B. Dial-up
- C. Satellite
- D. Cable

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 115

Which of the following functions can transfer a file between folders and deletes it from the original folder?

- A. Edit
- B. Move

- C. Copy
- D. Paste

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 116

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.
- E. The computer has a virus.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 117

A printer is migrated between offices. All the wires are connected properly, but the new workstation cannot find the printer. Which of the following should the technician install?

- A. OS
- B. Updates
- C. Drivers
- D. Application

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 118

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

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 119

Which of the following adds a basic security measure to a wireless device?

- A. Hands-free headset
- B. Screen lock feature
- C. Airplane mode
- D. Clip-on case

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 120

Which of the following system utilities allows a user to configure multiple monitors in the OS?

- A. Color management
- B. Device manager
- C. GPU driver

D. Display

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 121

Joe, a user, reports that his neck and back are hurting after being at his desk for the whole day. Which of the following are the possible causes of the problem? (Select TWO).

- A. The keyboard is not ergonomic.
- B. The monitor does not have a screen protector.
- C. The monitor height is not adjusted to Joe's needs.
- D. Joe is not using a wrist rest with the keyboard.
- E. The chair is not properly adjusted to Joe's needs.

Correct Answer: CE

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 122

Which of the following are core peripherals needed to use a desktop PC? (Select THREE).

- A. Monitor
- B. Keyboard
- C. Printer
- D. Mouse
- E. Speakers
- F. Mouse pad
- G. Webcam

Correct Answer: ABD

Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 123

A user purchases a new desktop computer and requires assistance setting it up. Which of the following describes the BEST resource the user should reference?

- A. Technical community group
- B. Local retail store technical support
- C. Internet search engine
- D. Manufacturer documentation

Correct Answer: D

Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 124

Which of the following is used for telepresence?

- A. VoIP telephone
- B. Webcam
- C. Remote desktop
- D. Touchscreen

Correct Answer: B

Section: Mix Questions
Explanation

Explanation/Reference:

QUESTION 125

Which of the following storage media provides the FASTEST speeds when backing up large data files?

- A. Offsite storage
- B. Network attached storage
- C. Locally attached storage
- D. Cloud-based storage

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 126

Which of the following security threats is classified as license theft?

- A. Entering the neighbor's software key
- B. Using software to reveal a password
- C. Searching through the trash for passwords
- D. Watching what a user types on screen

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 127

The manufacturer of a SOHO router has released a security fix for the router. Which of the following methods should be used to apply the fix?

- A. Change the admin password.
- B. Apply new WEP key.
- C. Update the firmware.
- D. Hold the reset button.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 128

A user receives an email from the bank stating that the user needs to follow a link and re-enter login credentials due to recent security breaches. Based on best practices, which of the following actions should the user take? (Select TWO).

- A. Inform the ISP.
- B. Follow the instructions.
- C. Delete the message.
- D. Reply to the email.
- E. Contact the bank.

Correct Answer: CE

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 129

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

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 130

A user is staying at a hotel on a trip and has the option to connect to multiple Wi-Fi networks. Which of the following networks is the BEST to use?

- A. One secured with a hidden SSID
- B. One secured with WPA2
- C. One secured with MAC filters
- D. One secured with WEP

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 131

A user receives a message that requests login information and claims to be from the user's IT department. This is an example of:

- A. phishing
- B. spam
- C. ransomware
- D. password cracking

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 132

Which of the following is an output device?



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- A. Keyboard
- B. Microphone

- C. Printer
- D. Scanner

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 133

Which of the following is a significant advantage of a locally stored file?

- A. Safe from loss due to hardware failure
- B. Easily accessed by Internet users
- C. Immediately accessible for use
- D. Backed up by cloud providers

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 134

Ann, a user, is redirected to a shopping website every time she searches for items in any search engine she uses. Which of the following BEST describes the cause of this problem?

- A. Spyware
- B. Trojan
- C. Ransomware
- D. Adware

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 135

Which of the following connector types are similar in physical appearance? (Select two.)

- A. Thunderbolt
- B. FireWire
- C. Lightning bolt
- D. Mini display port
- E. DVI

Correct Answer: AB

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 136

An employee who is working for a small business would like to prevent shoulder surfing. Which of the following should the employee do?

- A. Lock the computer.
- B. Purchase a privacy screen.
- C. Enable encryption.
- D. Create a strong password.

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 137

A company needs an application that filters unwanted network traffic. Which of the following should be configured?

- A. Secure sockets layer
- B. Software firewall
- C. 128-bit encryption

D. Span filter

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 138

A user is attempting to open a file and receives a pop-up message stating that the action cannot be accomplished. This is MOST likely a result of which of the following?

- A. The user is not logged into the system properly.
- B. The file is a read-only file.
- C. The user is not granted permission to access the file.
- D. The file attribute is set to hidden.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 139

Which of the following are basic functions to use when working only with files and folders in an OS? (Select two.)

- A. Maximize
- B. Run
- C. Copy
- D. Exit
- E. Minimize
- F. Rename

Correct Answer: CF

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 140

Ann, a user, is using a mobile device at a local coffee shop where she connects to an open Wi-Fi hotspot. Which of the following is a risk that should be considered while using the hotspot?

- A. Data is not encrypted.
- B. Browser history is searchable.
- C. Passwords are secure.
- D. Firewall use is not necessary.

Correct Answer: A

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 141

A user is installing an operating system. Which of the following should the user do to apply best practices?

- A. Add enough drivers to support all potential peripherals.
- B. Install all default applications.
- C. Avoid installing unnecessary features.
- D. Enable all features.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 142

Which of the following items need to be disposed of properly to avoid hazardous materials in landfills? (Select two.)

- A. Batteries
- B. Toner

- C. Furniture
- D. Paper
- E. Aluminum cans

Correct Answer: AB

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 143

A user installs an expensive new microphone on a desktop. Now, every time the user boots the machine, the speakers give loud feedback. Which of the following caused this issue?

- A. The CPU is running too hot.
- B. The wrong audio card is installed.
- C. The speaker is not compatible with the microphone.
- D. The microphone is too close to the speaker.

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 144

A user must create a new password after a security breach was discovered at work. Which of the following is the MOST secure password?

- A. ABCDEF-1111
- B. pa\$\$w0rd
- C. #Bad.b0yZ1!
- D. abcdABCD43210

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 145

Which of the following can be considered a basic function of a desktop OS?

- A. Enable hardware alerting and health.
- B. Provide an environment for software to function.
- C. Predict the next action a user will take.
- D. Provide a foundation for device driver design.

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 146

Which of the following are common audio file extensions? (Select two.)

- A. .mp3
- B. .mp4
- C. .jpg
- D. .m4a
- E. .bat
- F. .rtf

Correct Answer: AD

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 147

A user has recently installed a new version of antivirus software on a workstation. Which of the following steps should be taken to reduce the risk of infection?

- A. Enable OS automatic updates.

- B. Update browser extensions.
- C. Update the definitions.
- D. Enable the pop-up blocker.

Correct Answer: C

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 148

Which of the following describes sleep mode for a computer?

- A. No energy usage with session data stored in RAM
- B. Low energy usage with session data stored in RAM
- C. Low energy usage with session data stored on the HDD\SSD
- D. No energy usage with session data stored on the HDD\SSD

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 149

A technician needs to connect a user's computer to the network. Which of the following device types would the technician install?

- A. Modem
- B. Ethernet card
- C. Graphics card
- D. Daughterboard

Correct Answer: B

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 150

Which of the following is the primary purpose of a computer's case fan?

- A. To cool the user in warm environments
- B. To cool the CPU
- C. To cool the video card
- D. To enhance airflow through the case

Correct Answer: D

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 151

Which of the following are the FASTEST ways to send a copy of a physical document to a remote user? (Select two.)

- A. Scan and email a copy of the document.
- B. Use document transcription software.
- C. Retype the document on the user's computer.
- D. Fax a copy of the document to the user.
- E. Copy and mail the document to the user.

Correct Answer: AD

Section: Mix Questions

Explanation

Explanation/Reference:

QUESTION 152

Which of the following devices may be required for video conferencing? (Select three.)

- A. Speakers
- B. Touch screen
- C. Microphone

- D. Webcam
- E. DVD drive
- F. Projector

Correct Answer: ACD

Section: Mix Questions

Explanation

Explanation/Reference:



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