CompTIA.FC0-U71.v2026-10-12.q83

Exam Code:	FC0-U71
Exam Name:	CompTIA Tech+ Certification Exam
Certification Provider:	CompTIA
Free Question Number:	83
Version:	v2026-10-12
# of views:	155
# of Questions views:	830
https://www.freepdfdumps.com/CompTIA.FC0-U71.v2026-10-12.q83.html	

NEW QUESTION: 1
A development team needs a coding environment that is easy to manage. Which of the following services best meets this requirement?
A. IaaS
B. SaaS
C. PaaS
D. DaaS
Answer: C (LEAVE A REPLY)
The CompTIA Tech+ Study Guide (Exam FC0-U71, 3rd Edition, 2025) clearly defines Platform as a Service (PaaS) as the most appropriate for developers seeking a managed coding environment:
"Platform as a Service (PaaS) adds a layer to IaaS that includes software development tools such as runtime environments. Because of this, it can be very helpful to software developers; the vendor manages the various hardware platforms. This frees up the software developer to focus on building their application and scaling it." It also provides examples:
"Examples of PaaS include Google App Engine, Microsoft Azure, Red Hat OpenShift, Amazon Web Services (AWS) Elastic Beanstalk, Engine Yard, and Heroku." This clearly shows that PaaS allows developers to focus on writing code without managing the underlying infrastructure-exactly what the question describes.
Verified Reference:
* Chapter 9: Cloud Computing and Artificial Intelligence - Section "Cloud Services" and Table 9.1 (pp.
494-496).

NEW QUESTION: 2
Which of the following is true with respect to a flat file and a database?

A. Databases are more efficient for small-scale data storage.
B. A flat file represents relational systems.
C. Databases provide better data organization, indexing, and querying.
D. A flat file uses query language.
Answer: C (LEAVE A REPLY)
The correct answer is C. Databases provide better data organization, indexing, and querying. A flat file is a two-dimensional structure made of rows and columns, such as a simple spreadsheet. Databases are better for larger, more complex, multiuser, scalable, searchable data systems. Databases can manage relationships between data points, support queries and reports, and provide stronger data persistence, availability, and security. A flat file does not represent a relational system, and query languages are associated with databases rather than basic flat files.
Exact Extract/Reference: The Tech+ Study Guide explains that a flat file has "two dimensions, rows and columns," while databases can "manage far more complicated relationships between data points." It also states that databases are better when multiple users, large quantities of data, speed, scalability, data persistence, data availability, and security matter. The guide further states that databases can be queried and reports can be run from them.

NEW QUESTION: 3
Which of the following network devices permits and restricts network traffic as its primary function?
A. Router
B. Switch
C. Access point
D. Firewall
Answer: D (LEAVE A REPLY)
The CompTIA Tech+ Study Guide explains:
"Firewalls filter network traffic. Firewalls filter inbound and outbound network traffic based on rules defined by the administrator. That list of rules is called an access control list (ACL). By default, most firewalls are configured as default deny, which means that all traffic is blocked unless specifically authorized by the administrator." Therefore, a firewall is the network security device that primarily permits and restricts traffic based on predefined rules.
Verified Reference:
* Chapter 5: Software Applications - "Software Firewalls" (pp. 316-317).
* Chapter 8: Networking Concepts and Technologies - "Firewalls" (pp. 447-448).

NEW QUESTION: 4
Which of the following features of an OS prioritizes a program ' s use of resources?
A. Application management

B. Process management
C. Access management
D. Device management
Answer: B (LEAVE A REPLY)
Process management in an operating system is responsible for controlling the execution of applications, assigning CPU time, and prioritizing active processes to optimize performance.
"Process management allocates resources, prioritizes applications, and ensures multitasking is efficiently handled by the OS." - CompTIA ITF+ Operating Systems Guide
Correct answer: B

NEW QUESTION: 5
Which of the following is an example of a MAC address?
A. 00:50:09:2D:4D:94
B. 0x3476
C. 192.68.10.24
D. fe80:102d:cd62:5434:82ae
Answer: A (LEAVE A REPLY)
A MAC (Media Access Control) address is a hardware address assigned to a network interface card. It follows a 48-bit hexadecimal format usually displayed as six pairs separated by colons or hyphens:
* "MAC addresses typically appear as 00:50:09:2D:4D:94."
* 192.68.10.24 is an IPv4 address, fe80:102d:cd62:5434:82ae is an IPv6 address, and 0x3476 is simply a hexadecimal number, not a MAC address.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 6 - Networking Concepts.

NEW QUESTION: 6
Which of the following uses the M.2 form factor?
A. NVMe
B. GPU
C. RAM
D. NIC
Answer: A (LEAVE A REPLY)
NVMe (Non-Volatile Memory Express) drives are high-speed storage devices that commonly use the M.2 form factor. M.2 allows for compact design and direct connection to the motherboard.
"M.2 is a compact form factor used for high-speed NVMe and SATA SSDs, enabling faster storage access in modern systems." - CompTIA ITF+ Hardware Overview Correct answer: A

NEW QUESTION: 7
A user moves to a new desk that is located next to the kitchen. Now, the user can no longer log in to the wireless network. Which of the following is causing this issue?
A. Speed considerations
B. Older standards
C. Access control
D. Interference factors
Answer: D (LEAVE A REPLY)
Wireless interference is often caused by environmental factors such as proximity to kitchens, which may contain microwaves and other electronic devices operating on the same 2.4 GHz frequency used by many Wi- Fi networks. The CompTIA ITF+ FC0-U71 Official Study Guide explains:
* "Wireless signals are subject to interference from physical objects, walls, appliances, and other electronic devices operating on the same frequency."
* "Microwave ovens and cordless phones are common sources of interference for Wi-Fi networks." In this case, the user ' s proximity to the kitchen is causing interference, not access control or standards issues.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 6 - Networking Concepts.
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NEW QUESTION: 8
A help desk technician is installing an application for a user who is in a different state. Which of the following best describes the software the technician is using for the installation?
A. Collaboration
B. Remote support
C. Instant messaging
D. Conferencing
Answer: B (LEAVE A REPLY)
The CompTIA Tech+ Study Guide explains:
"Remote support software allows technicians to connect to a user's computer from another location, troubleshoot issues, install applications, and perform updates without physically being at the same site." Additionally, the review question section confirms:
"You are setting up a technical support help desk for a new app. What type of software should you get to help the technicians fix problems more effectively?
The answer: Remote support."
Thus, the technician in another state uses remote support software to perform the installation.
Verified Reference:
* Chapter 5: Software Applications - "Remote Support Software" (pp. 347-348).

NEW QUESTION: 9
Which of the following represents the largest unit of storage?
A. 20TB
B. 200MB
C. 2,000GB
D. 2,000KB
Answer: A (LEAVE A REPLY)
In terms of storage measurement hierarchy:
* 1TB = 1,000GB
* 1GB = 1,000MB
* 1MB = 1,000KB
Therefore:
* 20TB = 20,000GB
* 2,000GB = 2,000GB
* 200MB = 0.2GB
* 2,000KB = 0.002GB
Thus, 20TB is the largest. The CompTIA ITF+ FC0-U71 Official Study Guide defines storage units in this way under data representation topics.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 3 - Data Representation and Storage.
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NEW QUESTION: 10
A user wants to improve the security of a recently purchased laptop. Which of the following should the user do next?
A. Remove unnecessary software.
B. Install drivers.
C. Configure backups.
D. Perform benchmark testing.
Answer: A (LEAVE A REPLY)
The correct answer is A. Remove unnecessary software. Removing software that is not needed is a device- hardening step. Unnecessary applications can increase the attack surface of a laptop, so removing them helps reduce vulnerabilities. Installing drivers may be required for hardware functionality, but it is not the best security improvement. Configuring backups helps with recovery, but it does not directly harden the device. Benchmark testing measures performance, not security.
Exact Extract/Reference: The CompTIA Tech+ Study Guide explains that device hardening makes a device harder to exploit and includes "removing or disabling unused software and services." The guide's Chapter 11 lab also lists the task "Remove unwanted, unnecessary, or malicious software."

NEW QUESTION: 11
A technician needs to install input devices while setting up a new desktop PC. Which of the following should the technician install? (Choose two.)
A. Printer
B. Mouse
C. Keyboard
D. CPU
E. Speaker
F. SSD
Answer: (SHOW ANSWER)
Input devices allow users to interact with the computer by sending data to it. The most common input devices for a desktop PC setup are:
* Mouse - allows the user to point, click, and interact with the GUI.
* Keyboard - used to enter text and commands.
"Input devices such as the keyboard and mouse are essential for entering data into a computer." - CompTIA ITF+ Study Guide Other options explained:
* A. Printer - Output device
* D. CPU - Core processing unit, not an input device
* E. Speaker - Output device
* F. SSD - Storage device
Correct answers: B and C

NEW QUESTION: 12
A database has the following schema (as shown in the images above):

ID	Name	Age
2	John	36
6	Jane	39
12	Allison	42
21	Anna	29

Which of the following is the number of records in the schema?
A. 3
B. 4
C. 12
D. 21
Answer: B (LEAVE A REPLY)
In the database schema shown in the images, there are four rows (excluding the header row) representing data entries for four people (John, Jane, Allison, and Anna).
Each row represents a record in the database table, also known as a tuple. The term record refers to a complete set of fields (ID, Name, and Age) for one entry. So, counting the four rows:
* John

* Jane
* Allison
* Anna
That makes a total of 4 records in the database schema.
Reference:The official CompTIA ITF+ Study Guide states:
" A record (or tuple) in a database is a complete set of fields that represents one entity - for example, a single row in a database table. " Thus, the correct answer is B.

NEW QUESTION: 13
Which of the following could be a letter, number, or symbol?
A. String
B. Boolean
C. Char
D. Integer
Answer: (SHOW ANSWER)
A char (character) represents a single letter, number, or symbol. It differs from a string, which is a sequence of characters.
"The char data type stores a single alphanumeric character or symbol." - CompTIA ITF+ Programming Fundamentals Correct answer: C

NEW QUESTION: 14
Given the following pseudocode:
< BODY >
< P > This is a paragraph. < /P >
< /BODY >
Which of the following best represents the type of language used by this code?
A. Markup
B. Query
C. Compiled
D. Scripting
Answer: A (LEAVE A REPLY)
The syntax shown uses tags like < BODY > and < P > , which are characteristic of a markup language, specifically HTML (HyperText Markup Language). Markup languages describe the structure and presentation of text.
"Markup languages, such as HTML and XML, are used to annotate text so that the computer can manipulate it. HTML is used to design the structure of web pages using tags like < body > , < p > , < h1 > , etc." - CompTIA ITF+ Official Guide Other options:
* Query languages like SQL retrieve data.
* Compiled languages require compilation into machine code (e.g., C++).
* Scripting languages are used for automation but don't use markup syntax.
Correct answer: A

NEW QUESTION: 15
Which of the following is considered an output device?
A. Smart TV
B. Web camera
C. Keyboard
D. Microphone
Answer: A (LEAVE A REPLY)
Output devices display or present data to users:
* "A Smart TV displays visual and audio output, qualifying it as an output device."
* Web cameras, keyboards, and microphones are input devices that capture data rather than display or present it.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 5 - Peripherals and Connectors.

NEW QUESTION: 16
Which of the following is used to determine whether users accessed inappropriate online content?
A. System logs
B. Cookie data
C. Location tracking
D. Web browser history
Answer: C (LEAVE A REPLY)
The web browser history stores records of websites that a user has visited. This is typically the most straightforward and accessible method for determining whether users accessed inappropriate or unauthorized online content. The CompTIA ITF+ documentation explains: "Web browsers maintain a history of visited URLs, which can be used for monitoring and auditing user activity, including detecting policy violations regarding internet usage."
* System logs are broader and generally capture system or security events.
* Cookies store session and tracking data but don't always show what content was accessed.
* Location tracking helps with geolocation, not content monitoring.
Therefore, the correct choice is D.
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NEW QUESTION: 17
Which of the following does a diamond represent in a flowchart?
A. Start
B. Decision
C. Processing
D. Stop
Answer: B (LEAVE A REPLY)
In flowcharts, a diamond represents a decision point - a place where the program branches based on a yes/no or true/false condition.
"A diamond shape in a flowchart is used to depict a decision, indicating that the flow can take different paths based on a condition." - CompTIA ITF+ Programming Concepts
Correct answer: B

NEW QUESTION: 18
A user wants to use virtualization on a local workstation. Which of the following best describes the technology that will be used?
A. Guest OS
B. Cloud
C. SaaS
D. Hypervisor
Answer: D (LEAVE A REPLY)
A hypervisor is the software or hardware platform that enables virtualization. It allows multiple operating systems (guest OSes) to run on a single physical machine.
"A hypervisor manages virtual machines on a single physical system. It enables the creation and management of guest OS environments." - CompTIA ITF+ Correct answer: D

NEW QUESTION: 19
Given the following data sequence:
1, 10, 2, 3, 4, 5, 6, 7, 8, 9
Which of the following data types are these values an example of?
A. Float
B. ASCII
C. Boolean
D. String
Answer: D (LEAVE A REPLY)
Although the values look numeric, the sequence "1, 10, 2..." suggests they are being treated as strings (text values), especially if they are not sorted numerically. In programming, strings are sequences of characters-even if those characters are digits.

"String data type is used to store alphanumeric characters, including numeric characters represented as text rather than numbers." - CompTIA ITF+ Data Concepts Correct answer: D

NEW QUESTION: 20
Which of the following actions would help a user validate a website's certificate on a browser?
A. Clicking the lock symbol next to the URL
B. Clearing the cookies and cache
C. Enabling a pop-up blocker
D. Deleting the browser history
Answer: A (LEAVE A REPLY)
Clicking the lock icon next to a website's URL allows users to view the security certificate, verify its issuer, expiration date, and encryption level-validating that the site is using HTTPS and is trusted.
"Browsers display a lock symbol for secure (HTTPS) websites. Clicking it reveals the SSL/TLS certificate details to verify the site's authenticity." - CompTIA ITF+ Security Essentials Correct answer: A

NEW QUESTION: 21
Which of the following should be checked to ensure a user is authenticated by a web server?
A. Account logs
B. Browser history
C. Permissions
D. Firewall
Answer: A (LEAVE A REPLY)
Account logs provide details about authentication attempts and can confirm whether a user successfully logged in or was denied access.
"Authentication events are recorded in system and application logs, helping verify login success or failure."
- CompTIA ITF+ Security Concepts
Correct answer: A

NEW QUESTION: 22
A user is logged in but unable to access a shared folder on the network. Which of the following security concepts is in place?
A. Authentication
B. Authorization
C. Accounting
D. Non-repudiation

Answer: B (LEAVE A REPLY)
This scenario describes a situation where a user has already successfully logged into the system (i.e., has been authenticated) but cannot access a particular network resource (the shared folder). This falls under the concept of authorization, which determines what actions or resources a user is permitted to access after authentication.
"Authorization is the process of granting or denying access to network resources once the user has been authenticated." - CompTIA ITF+ Official Study Guide
* Authentication verifies the identity of the user (e.g., username and password).
* Authorization controls access rights (e.g., shared folders, files).
* Accounting tracks user activity (e.g., audit logs).
* Non-repudiation ensures actions or transactions cannot be denied later.
Therefore, the correct answer is B: Authorization.

NEW QUESTION: 23
An employee attempts to install software on a PC. A prompt to enter a username and password appears on- screen. The employee then receives an "access denied" message and cannot install the software. Which of the following types of access would allow the employee to accomplish this task?
A. Least privilege
B. Administrator
C. Single factor
D. User
Answer: B (LEAVE A REPLY)
Installing software typically requires elevated permissions that standard user accounts do not have. The CompTIA ITF+ FC0-U71 Official Study Guide explains:
* "An administrator account provides full system access, including installing or removing software, changing system settings, and managing user accounts."
* The user account does not have these privileges by default.
* Least privilege refers to granting only the minimum permissions necessary (which would not typically include software installation for regular users).
* Single factor refers to authentication methods, not access levels.
Since the employee is denied installation due to insufficient privileges, administrator access is needed to complete the installation.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 10 - Security Concepts (User Account Types & Permissions).

NEW QUESTION: 24
Given the following pseudocode:
10 READ Q,W
20 PRINT Q,W
30 GOTO 10

40 DATA 10,20,30,40,50,60,70,80,90,100
Which of the following best defines the type of data being used?
A. Boolean
B. Array
C. Variable
D. Function
Answer: B (LEAVE A REPLY)
The pseudocode reads from a block of numbers listed in line 40. This collection of values is structured like an array-a group of data elements stored together.
"An array is a collection of similar data elements stored in a structured sequence, often referenced or processed in loops." - CompTIA ITF+ Programming Concepts Correct answer: B

NEW QUESTION: 25
A user is connecting a router with an SFP connector. Which of the following cable types is best for this purpose?
A. Fiber
B. Ethernet
C. Lightning
D. Thunderbolt
Answer: A (LEAVE A REPLY)
The correct answer is A. Fiber. The typing error "SPF" should be corrected to "SFP," which stands for small form-factor pluggable. SFP is used with fiber-optic network connections. Ethernet/RJ45 is associated with twisted-pair copper cables. Lightning is an Apple connector, and Thunderbolt is a high-speed peripheral
/display interface, not the best match for an SFP router connection.
Exact Extract/Reference: The CompTIA Tech+ Study Guide identifies the "small form-factor pluggable (SFP) connector" as the fiber connector and states, "remember there is RJ45 for twisted-pair copper cables and SFP for fiber-optic cables."

NEW QUESTION: 26
Which of the following can be used to stop an application that is no longer responding?
A. Access management
B. Task management
C. Disk management
D. Device management
Answer: B (LEAVE A REPLY)
Task management utilities like Task Manager in Windows are used to monitor and manage running applications and processes, including ending unresponsive ones.
"Task Manager is used to view and end processes or applications that are not responding." - CompTIA ITF+ Correct answer: B

NEW QUESTION: 27
Which of the following is a GPU an example of?
A. Input
B. Output
C. Processing
D. Storage
Answer: (SHOW ANSWER)
A GPU (Graphics Processing Unit) is a specialized processor designed to perform calculations related to rendering images and videos. It's an example of a processing component.
"The GPU is a processor dedicated to graphical computations and image rendering, assisting or replacing the CPU in handling visual data." - CompTIA ITF+ Hardware Essentials Correct answer: C

NEW QUESTION: 28
A user needs to securely access a remote network from home. Which of the following should the user utilize for secure remote access?
A. LAN
B. FTP
C. DNS
D. VPN
Answer: (SHOW ANSWER)
A VPN (Virtual Private Network) creates a secure, encrypted connection over the internet between the user and a remote network, enabling secure access from home or public networks.
"VPNs provide a secure tunnel for transmitting data over unsecured networks, such as the internet, by encrypting all traffic between the client and the network." - CompTIA ITF+ Security Topics Other options:
A . LAN - Local and not for remote use
B . FTP - Transfers files but lacks modern encryption
C . DNS - Resolves domain names, not for access
Correct answer: D

NEW QUESTION: 29
Given the following table:

ID	Month	Day	Year	Name
1	October	6	1969	James
2	May	13	1970	Jane
3	September	25	1999	John
4	April	15	1976	Helena

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Which of the following fields best represents a primary key?

A. ID

B. Month

C. Day

D. Year

E. Name

Answer: A (LEAVE A REPLY)

A primary key is a unique identifier for each record in a database table. It must be unique and not null across all rows. In this table, the field ID is the only column that uniquely identifies each row and does not repeat.

"A primary key is a field (or a set of fields) that uniquely identifies a record in a table. It ensures that each record can be uniquely retrieved." - CompTIA ITF+ Official Study Guide

Analysis of other options:

* Month, Day, Year, and Name can have duplicate values across multiple records and therefore do not serve as unique identifiers.

Correct answer: A

The ID field contains unique values for each record and is typically used as a primary key in a database. A primary key uniquely identifies each row in a table.

Month, Day, Year, and Name may have duplicates and do not guarantee uniqueness.

NEW QUESTION: 30

Which of the following is the primary difference between an onboard NIC and an expansion card NIC?

A. Onboard NICs are separate components that can be added to the motherboard.

B. Onboard NICs are faster than expansion card NICs.

C. Onboard NICs are built into the motherboard.

D. Onboard NICs are more expensive than expansion card NICs.

Answer: C (LEAVE A REPLY)

The correct answer is C. Onboard NICs are built into the motherboard. An onboard NIC is integrated into the motherboard, while an expansion card NIC is a separate add-on card installed into an expansion slot. The question asks for the primary difference, not speed or cost. Onboard does not automatically mean faster or more expensive.

Exact Extract/Reference: The CompTIA Tech+ Study Guide states that Tech+ objective 2.2 expects knowledge of "wired and wireless cards as well as onboard (integrated into the

motherboard) versus expansion cards." It also explains that "most computers today have the NIC circuitry integrated into their motherboards."

NEW QUESTION: 31
A user needs to reconfigure local storage on an OS. Which of the following should be used?
A. Process management
B. Task management
C. Device management
D. Disk management
Answer: D (LEAVE A REPLY)
Disk management is the OS feature used to create, delete, format, or partition storage devices. It allows users to manage drives and volumes locally.
"Disk management tools are used to manage and configure storage devices, including creating and formatting partitions and volumes." - CompTIA ITF+ Operating System Features Correct answer: D

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NEW QUESTION: 32
A user ' s device is experiencing slow processing performance when multiple applications are running at the same time. Which of the following components is causing this issue?
A. Storage
B. Motherboard
C. NIC
D. RAM
Answer: D (LEAVE A REPLY)
RAM allows multiple applications to run simultaneously. Insufficient RAM causes performance drops:
* "When several applications are open, the system relies heavily on RAM for temporary storage of active processes."
* Storage, motherboard, or NIC do not directly handle temporary application memory while multitasking.

Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 3 - Computing Components.

NEW QUESTION: 33
A user is configuring a server OS. Which of the following should the user do after setting up the system?
A. Change the default usernames and passwords.
B. Synchronize the administrative log-ins with other servers on the domain.
C. Disable the administrator password.
D. Clear the password complexity database.
Answer: A (LEAVE A REPLY)
According to the CompTIA Tech+ Study Guide:
"Changing Default Usernames and Passwords - The first thing a potential hacker will try to use is the default username or password for a device. Always change them." It also emphasizes:
"Enabling passwords and changing default usernames and passwords are essential password management best practices." Therefore, the correct action after server setup is to change the default usernames and passwords to secure the system.
Verified Reference:
* Chapter 11: Security Best Practices - "Managing Passwords" (pp. 594-595).

NEW QUESTION: 34
Which of the following local storage types is the fastest for read/write?
A. Flash drive
B. Optical drive
C. HDD
D. NVMe
Answer: D (LEAVE A REPLY)
The correct answer is D. NVMe. NVMe is a very fast SSD data-transfer standard and is much faster than traditional HDDs, optical drives, and ordinary external flash drives. The original spelling "NvME" should be corrected to "NVMe." Flash drives are portable but typically slower than internal NVMe storage. Optical drives and HDDs are also slower.
Exact Extract/Reference: The CompTIA Tech+ Study Guide states that NVMe is "incredibly fast" and that Generation 4 NVMe drives can transfer more than 7000 MB/s, while SATA SSDs top out at about 600 MB/s.
It also states that an NVMe M.2 drive greatly outperforms a SATA M.2 drive and that any SATA SSD is several times faster than a conventional HDD.

NEW QUESTION: 35
Which of the following represents the hexadecimal value of 2D in binary?
A. 101010

B. 101101
C. 101110
D. 110010
Answer: B (LEAVE A REPLY)
The correct answer is B. 101101. Hexadecimal is base-16. The hexadecimal value 2D equals 2 × 16 plus D.
Since hexadecimal letters A through F represent decimal values 10 through 15, D represents 13. Therefore,
2D equals 32 + 13 = 45 in decimal. In binary, 45 is 101101 because it equals 32 + 8 + 4 + 1.
Exact Extract/Reference: The CompTIA Tech+ Study Guide explains that hexadecimal is "base-16" and that letters A through F represent decimal numbers 10 through 15. It also provides the binary place values used for conversion: 128, 64, 32, 16, 8, 4, 2, and 1.
Verified and corrected questions 166-171:

NEW QUESTION: 36
A user wants to remove software that controls Wi-Fi settings because this function is already handled natively by the OS. Which of the following best describes this software?
A. Unnecessary
B. Malicious
C. Unwanted
D. Open-source
Answer: A (LEAVE A REPLY)
The correct answer is A. Unnecessary. The key phrase is "already handled natively by the OS." Since the operating system already provides Wi-Fi settings management, the extra software is redundant and not required. It is not necessarily malicious, because the question does not say it is harmful. It is not best described as open-source, because licensing is unrelated to whether the software should be removed.
"Unwanted" could describe software the user does not want, but "unnecessary" is more precise because the reason for removal is that the OS already performs the same function.
Exact Extract/Reference: The Tech+ Study Guide lists "Removal of software" and specifically includes
"Unwanted," "Unnecessary," and "Malicious" software under software/security best practices. The guide also states that removing an application can free disk space and memory, and that Tech+ objective 6.2 expects knowledge of removing unwanted, unnecessary, and malicious software.

NEW QUESTION: 37
Given the following pseudocode:
10 INPUT Q
20 PRINT Q

30 GOTO 10

Which of the following data types does Q represent?

A. Constant

B. Function

C. Array

D. Variable

Answer: D (LEAVE A REPLY)

The correct answer is D. Variable. In the pseudocode, Q receives input from the user and then prints that input. Since the value of Q can change each time the program loops back to line 10, Q is a variable. It is not a constant because constants do not change. It is not a function because it is not a reusable block of code. It is not an array because it does not represent a list of values.

Exact Extract/Reference: The CompTIA Tech+ Study Guide explains that a "constant" is a predefined number that does not change, while "a variable" means the value can change. It also states that variables can change throughout a program based on input.

NEW QUESTION: 38

A company updates its password policy to require that all passwords be reset every 60 days. Which of the following best describes this requirement?

A. Password complexity

B. Password management

C. Password expiration

D. Password privacy

Answer: (SHOW ANSWER)

The requirement to change passwords every 60 days is a policy known as password expiration. It is part of enforcing secure authentication by limiting the amount of time a password is valid.

"Password expiration is a security measure that requires users to change their passwords after a specific period, such as every 60 or 90 days, to reduce the risk of compromised credentials being used over time." - CompTIA ITF+ Official Guide

* Password complexity refers to rules about what characters are required.
* Password management refers to overall policies and tools for handling passwords.
* Password privacy relates to confidentiality but not periodic resets.

Thus, the correct choice is C.

NEW QUESTION: 39

A user finds a USB device and plugs it into a laptop. The laptop does not detect the USB device. Which of the following is the most likely cause of this issue?

A. Disabled port

B. Anti-malware

C. Insufficient memory

D. Account permissions

Answer: A (LEAVE A REPLY)

If a USB port is disabled in the BIOS or device manager, the system won't detect devices connected to it. This is the most likely cause if nothing happens when a USB device is inserted.

"Hardware ports can be disabled via firmware settings or device policies, which prevents detection of peripherals." - CompTIA ITF+ Hardware Troubleshooting Correct answer: A

NEW QUESTION: 40

Which of the following describes a use case for a flash drive?

A. A user needs to back up a local file so work can continue at home.

B. A user needs a file to be accessible anywhere over the Internet.

C. A user needs to share a file over a local area network.

D. A user needs to archive a file for long-term storage.

Answer: (SHOW ANSWER)

The correct answer is A. A flash drive is a small, portable local storage device, so it is useful when a user needs to copy or back up a local file and carry it to another location, such as home. Option B describes cloud storage. Option C describes network file sharing. Option D describes long-term archiving, which is not the best use case for a flash drive because flash drives are small, easy to misplace, and not ideal as long-term archive media.

Exact Extract/Reference: The CompTIA Tech+ Study Guide defines an external flash drive as "a small, portable SSD that connects through a USB port" and says its "primary benefit is portability." The guide also lists flash drives as a locally attached backup storage option.

NEW QUESTION: 41

Which of the following internet service types is delivered using an SFP connector?

A. Cable

B. DSL

C. Fiber

D. Cellular

Answer: (SHOW ANSWER)

According to the CompTIA Tech+ Study Guide (Exam FC0-U71, 3rd Edition, 2025), the SFP (Small Form- Factor Pluggable) connector is directly associated with fiber-optic networking. The guide lists:

"SFP (small form-factor pluggable) connectors are commonly used in fiber-optic connections to allow hot- swappable transceivers for different types of fiber cables."

Additionally, the same guide's chapter on Networking Concepts and Technologies explains:

"Fiber-optic around 2 Gbps - Incredibly fast and more expensive than DSL or cable." Therefore, fiber Internet is the only service type that uses SFP connectors for data transmission over optical cables.
Verified Reference:
* Chapter 8: Networking Concepts and Technologies - "External network connections" and "Common Internet connection types and speeds" (pp. 429-435).
* Chapter 2: Peripherals and Connectors - "SFP (small form-factor pluggable) connectors" (pp. 97-98).

NEW QUESTION: 42
A systems administrator resolves a persistent issue with a laptop. Which of the following steps should the administrator take next?
A. Test the theory.
B. Document the findings.
C. Create an action plan.
D. Implement the action plan.
Answer: (SHOW ANSWER)
The correct answer is B. Document the findings. In the troubleshooting methodology, after the issue has been resolved and functionality has been verified, the final step is to document the findings, lessons learned, actions, and outcomes. Testing the theory, creating an action plan, and implementing the action plan all happen before the problem is resolved.
Exact Extract/Reference: The CompTIA Tech+ Study Guide lists the troubleshooting steps in order: identify the problem, establish a theory, test the theory, establish a plan and implement the solution, verify full system functionality, and finally "Document findings/lessons learned, actions, and outcomes."

NEW QUESTION: 43
Which of the following describes a printer?
A. Processing
B. Output
C. Storage
D. Input
Answer: B (LEAVE A REPLY)
A printer is an output device because it receives digital data from a computer and converts it into a printed physical format (such as paper).
"Output devices display or reproduce information from the computer. Examples include monitors, speakers, and printers." - CompTIA ITF+ Fundamentals Correct answer: B

NEW QUESTION: 44

A technician needs to purchase a printer driver but is only able to find it on the vendor's website. Which of the following is this an example of?

A. OEM

B. Third-party vendor

C. App store

D. SaaS

Answer: A (LEAVE A REPLY)

The correct answer is A. OEM. A vendor/manufacturer website is an original equipment manufacturer source when it is owned by the company that made or provides the software or driver. The question says the driver is found on the vendor's website, not an app store, third-party site, or SaaS platform. SaaS means Software as a Service and refers to cloud-hosted applications, not a printer driver download source.

Exact Extract/Reference: The Tech+ Study Guide states that "An original equipment manufacturer (OEM) website is one owned by the developer of the software," and that software from an OEM website is legitimate and trusted. It also gives a printer driver example where the HP support site is identified as an OEM website.

NEW QUESTION: 45

Which of the following is the number of bits in a byte of data?

A. 2

B. 4

C. 8

D. 16

Answer: C (LEAVE A REPLY)

A byte consists of exactly 8 bits. Bits (binary digits) are the smallest unit of data, and eight of them grouped together form one byte, which is used to represent characters and numbers in digital systems.

"A byte is made up of 8 bits and is the standard unit of data used to represent information such as characters in computing." - CompTIA ITF+ Fundamentals Correct answer: C

NEW QUESTION: 46

Which of the following units of measurement is used when describing a gaming monitor?

A. GPU

B. RAM

C. TB

D. MHz

Answer: D (LEAVE A REPLY)

Gaming monitors are often described using refresh rates, which are measured in hertz (Hz), often specified in MHz for related processing frequencies. The CompTIA ITF+ FC0-U71 Official Study Guide states:

* " Monitor refresh rate refers to how many times per second the screen updates, usually measured in Hz.
"
* " MHz (megahertz) is used for various frequencies, including GPU and monitor refresh processing. " GPU and RAM refer to hardware components, TB measures storage, and MHz relates to the frequency, applicable for monitor performance metrics.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 2 - Computing Devices and Chapter 5 - Display Devices.
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NEW QUESTION: 47
A programmer wants to write code that will be more efficient when executed at runtime. Which of the following language types should the programmer use?
A. Markup
B. Compiled
C. Query
D. Scripting
Answer: B (LEAVE A REPLY)
Compiled languages (e.g., C, C++, Go) are translated into machine code before execution, making them faster and more efficient at runtime than interpreted or scripting languages. "Compiled code is translated into machine language before execution, providing faster performance compared to interpreted code." - CompTIA ITF+ Software Concepts Correct answer: B

NEW QUESTION: 48
A user identifies the reason a computer is not working, repairs it, and prints a test page. Which of the following steps should the user take next?
A. Submit a support ticket
B. Test the theory
C. Implement the solution
D. Document the actions taken
Answer: D (LEAVE A REPLY)

After identifying the issue, implementing a solution, and verifying functionality (test page), the next step in the troubleshooting process is to document the solution for future reference.
"The final step in the troubleshooting methodology is to document findings, actions, and outcomes to ensure organizational learning and continuity." - CompTIA ITF+ Study Guide
Correct answer: D

NEW QUESTION: 49
A company implements a tool to allow employees to conduct meetings over the internet. Which of the following tools did the company implement?
A. Web browsing
B. Document sharing
C. Remote assistance
D. Conferencing software
Answer: D (LEAVE A REPLY)
Conferencing software (e.g., Zoom, Microsoft Teams, Webex) enables users to conduct meetings online using audio, video, and screen sharing.
"Conferencing software facilitates real-time communication and collaboration over the internet through audio and video." - CompTIA ITF+ Applications and Software Correct answer: D

NEW QUESTION: 50
Which of the following is used to create a repetitive process within code?
A. Loop
B. Branch
C. Comment
D. Integrate
Answer: A (LEAVE A REPLY)
A loop is a programming construct that repeats a set of instructions while a condition is true. This is used to automate repetitive tasks in code.
"Loops are used in programming to execute the same block of code multiple times under specific conditions."
- CompTIA ITF+ Programming Concepts
Correct answer: A

NEW QUESTION: 51
A manager wants to provide information to employees during a company meeting. Which of the following types of software is the best solution?
A. Word processing
B. Visual diagramming
C. Conferencing

D. Presentation
Answer: D (LEAVE A REPLY)
Presentation software (e.g., Microsoft PowerPoint, Google Slides) is specifically designed to display information to an audience in a visual and organized format, making it ideal for meetings.
"Presentation software is used to create slide-based content that can be projected or shared in meetings to communicate ideas visually and effectively." - CompTIA ITF+ Study Guide Correct answer: D

NEW QUESTION: 52
Which of the following hard drives has the largest capacity?
A. 2TB
B. 50KB
C. 100GB
D. 4,000MB
Answer: A (LEAVE A REPLY)
The largest unit is determined by converting all values to the same unit:
* 2TB = 2,000GB
* 100GB = 100GB
* 4,000MB = 4GB
* 50KB = 0.00005GB
Thus, 2TB is the largest. As described in the CompTIA ITF+ FC0-U71 Study Guide:
* "Data storage capacity is measured using standard units such as KB, MB, GB, and TB, where 1TB =
1,000GB."
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 3 - Data Representation and Storage.

NEW QUESTION: 53
A user receives a notification about a new software vulnerability. Which of the following is the best way to secure the software?
A. Uninstalling the program
B. Enabling authentication
C. Configuring a firewall
D. Applying updates
Answer: D (LEAVE A REPLY)

NEW QUESTION: 54
A programmer designs an application to record user actions in a log file for proper tracking. Which of the following best describes the recording component of the application?
A. Accounting

B. Authentication
C. Authorization
D. Non-repudiation
Answer: (SHOW ANSWER)
Recording user actions is an example of accounting, which helps track what users do on a system, especially for auditing purposes.
"Accounting refers to the recording and logging of system activities, including tracking user actions within applications or services." - CompTIA ITF+ Correct answer: A

NEW QUESTION: 55
Which of the following is used to terminate a Cat 6 cable to an RJ45 connector?
A. Crimper
B. Cable tester
C. Punchdown
D. Wire cutter
Answer: A (LEAVE A REPLY)
According to the CompTIA Tech+ Study Guide (Exam FC0-U71, 3rd Edition, 2025):
"A crimper is used to attach modular connectors, such as RJ45 or RJ11, to network or phone cables. The crimper pushes the metal contacts into the wires, securing them in place." Punchdown tools, by contrast, are used for patch panels or keystone jacks, not RJ45 ends.
Verified Reference:
* Chapter 2: Peripherals and Connectors - "Networking Tools: Crimpers, Punchdown Tools, Cable Testers" (pp. 106-108).

NEW QUESTION: 56
A user is unable to connect from one workstation to another workstation. Which of the following should be configured to fix this issue?
A. Firewall
B. Database
C. Anti-malware
D. Certificate
Answer: A (LEAVE A REPLY)
A firewall can block traffic between workstations if it ' s not properly configured. If a user cannot connect from one device to another on the network, it is likely that the firewall settings are preventing this communication.
"Firewalls control the incoming and outgoing network traffic based on predetermined security rules. If improperly configured, they may block legitimate access between devices." - CompTIA ITF+ Study Guide Other options:
* B. Database - Not related to connectivity
* C. Anti-malware - Protects from malicious software, not network configuration

* D. Certificate - Used for secure communication, but not basic connectivity Correct answer: A

NEW QUESTION: 57
A programmer is writing an application that directly interfaces with machine code. Which of the following languages is the programmer using?
A. Scripting
B. Markup
C. Assembly
D. Query
Answer: (SHOW ANSWER)
The correct answer is C. Assembly. Assembly language is the lowest-level language listed and is closest to machine code. It allows developers to write instructions that are translated into executable machine code.
Scripting languages automate or run interpreted tasks, markup languages structure content such as web pages, and query languages are used to interact with databases.
Exact Extract/Reference: The CompTIA Tech+ Study Guide states that "assembly language is the lowest level of code in which people can write" and that it "allows the developer to provide instructions directly to the hardware." It also states that assembly is translated into executable machine code by an assembler.

NEW QUESTION: 58
Which of the following is the best example of protection against social engineering?
A. Verifying the identity of a user via phone call
B. Scanning for malware on the network
C. Keeping default passwords
D. Connecting with people over social media
Answer: A (LEAVE A REPLY)
The CompTIA Tech+ Study Guide discusses social engineering prevention:
"Social engineering relies on manipulating people rather than technology. The best protection against social engineering is user awareness and verifying identity before sharing information." Verifying a user's identity via a phone call before taking any action (such as password reset or data access) is an essential safeguard against impersonation attempts.
Verified Reference:
* Chapter 11: Security Best Practices - "Recognizing Social Engineering and Phishing Attacks" (pp.
586-588).

NEW QUESTION: 59
An application is unresponsive. Which of the following will close the application?

A. Task management
B. System utilities
C. Remote assistance
D. File permissions
Answer: (SHOW ANSWER)
Task management tools such as Task Manager in Windows or Activity Monitor in macOS allow users to monitor running applications and processes. They also provide the functionality to force-close (end) applications that are not responding.
"Task Manager provides a way to close applications that are unresponsive and manage running processes." - CompTIA ITF+ Official Guide Correct answer: A

NEW QUESTION: 60
A student ' s attempt to access a teacher ' s network folder is denied. Which of the following best explains the reason access is denied?
A. Location tracking
B. Firewall certificate
C. Multifactor authentication
D. Least privilege model
Answer: D (LEAVE A REPLY)
The CompTIA Tech+ Study Guide (Exam FC0-U71, 3rd Edition, 2025) defines the least privilege model as:
"One of the key foundations of an authorization system is the least privilege model. This states that users should be granted only the least amount of access required to perform their jobs, and no more. This principle applies to computers, files, databases, and all other available resources." This concept ensures that a student cannot access restricted folders such as a teacher's network folder, because their role does not require that level of access.
Verified Reference:
* Chapter 10: Security Concepts and Threats - "Authorization and the Least Privilege Model" (pp. 549-
550).

NEW QUESTION: 61
Which of the following can be used to input commands for a computer to execute?
A. Services
B. Attributes
C. Process
D. Console
Answer: (SHOW ANSWER)
A console or command-line interface (CLI) allows users to input text-based commands that the computer can execute.

"The console (or command prompt or terminal) allows direct command input to control an operating system or application without using a graphical interface." - CompTIA ITF+ Guide
* Services are background processes.
* Attributes define properties of objects or elements.
* Processes are executing programs but are not used for inputting commands.
Correct answer: D

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NEW QUESTION: 62
A user wants to purchase a portable device that can be used exclusively for viewing books. Which of the following devices would be the best option?
A. Laptop
B. E-reader
C. Tablet
D. VR system
Answer: B (LEAVE A REPLY)
An e-reader is specifically designed for reading digital books using e-ink displays, which are easy on the eyes and readable in bright sunlight. They are lightweight, power-efficient, and ideal for book reading.
"E-readers use electronic ink displays for reading digital books, providing long battery life and excellent visibility in various lighting conditions." - CompTIA ITF+ Correct answer: B

NEW QUESTION: 63
Which of the following best describes information that is crucial to a large company for day-to-day operations?
A. Monetized data
B. Critical data
C. Big data
D. Correlated data
Answer: (SHOW ANSWER)
The CompTIA Tech+ Study Guide classifies critical data as essential information that organizations depend on for daily functioning:

"Critical data is information without which an organization cannot function effectively. Examples include customer records, transaction data, and operational databases. The loss or corruption of such data can significantly impact business continuity." This type of data differs from "big data," which refers to massive data sets used for analytics, and from "monetized data," which refers to data sold or used for financial gain.
Verified Reference:
* Chapter 12: Data Continuity and Computer Support - "Understanding Data Importance and Critical Data" (pp. 619-621).

NEW QUESTION: 64
Which of the following can be configured on a laptop to disallow inbound connections for file sharing?
A. Anti-malware
B. Firewall
C. Multifactor authentication
D. Certificates
Answer: (SHOW ANSWER)
The correct answer is B. Firewall. A firewall filters network traffic based on configured rules. To disallow inbound file-sharing connections, the firewall can block the relevant inbound traffic. Anti-malware scans for malicious software, multifactor authentication verifies identity, and certificates help establish trust or encryption, but a firewall is the correct control for blocking inbound network connections.
Exact Extract/Reference: The CompTIA Tech+ Study Guide states that firewalls "filter inbound and outbound network traffic based on rules defined by the administrator." It also explains that host-based firewalls protect one computer and that Windows includes Microsoft Defender Firewall. The guide further explains that firewall ACLs determine which traffic is passed and which traffic is blocked.

NEW QUESTION: 65
Which of the following is a benefit of performing regular backups?
A. Copying data easily to a different server
B. Testing outside of production
C. Creating an extra copy that is easily shared
D. Restoring lost files
Answer: D (LEAVE A REPLY)
The correct answer is D. Restoring lost files. The main purpose of backups is to protect data so it can be restored after loss, corruption, deletion, or failure. Copying data to a different server and creating shareable copies can happen in some situations, but they are not the primary benefit. Testing outside production is not a direct benefit of regular file backups.

Exact Extract/Reference: The CompTIA Tech+ Study Guide explains that if data loss or equipment failure occurs, "restoring access will be the most important task," and after hardware is working, "you can restore missing data." The guide also includes a Windows exercise specifically titled "Restoring Files."

NEW QUESTION: 66
Which of the following best describes the primary connection between a wireless access point and a tablet?
A. 802.11X
B. Thunderbolt
C. Bluetooth
D. USB-C
Answer: A (LEAVE A REPLY)
Tablets typically connect to wireless networks using Wi-Fi, which adheres to the IEEE 802.11 standard (often seen as 802.11a/b/g/n/ac/ax). The correct protocol family for this type of connection is 802.11X (referring to Wi-Fi technologies broadly).
"Wireless devices such as tablets use the 802.11 standards to connect to Wi-Fi access points for network connectivity." - CompTIA ITF+ Other options:
* B. Thunderbolt and D. USB-C - Wired connection standards
* C. Bluetooth - Short-range peripheral communication, not Wi-Fi
Correct answer: A

NEW QUESTION: 67
A user lives in a remote area that does not have cabling or towers available. The user wants to connect to the internet. Which of the following is the best solution?
A. Fiber optic
B. IDSL
C. Cellular
D. Satellite
Answer: D (LEAVE A REPLY)
For locations without cable or cellular towers, satellite internet is the most viable solution. Satellite does not require terrestrial infrastructure beyond a dish and has global coverage.
"Satellite is often used in remote or rural locations where wired and cellular connectivity is not available. It uses a dish to communicate with orbiting satellites for internet access." - CompTIA ITF+ Curriculum
* Fiber optic and IDSL require ground cabling.
* Cellular requires nearby towers, which the scenario rules out.
Correct answer: D. Satellite

NEW QUESTION: 68
Which of the following must be included when backing up a workstation?

A. Cloud-hosted files
B. Application data
C. Emails
D. Installation files
Answer: B (LEAVE A REPLY)
Application data refers to user-generated or application-specific files that are critical to retain. This includes saved work, preferences, and databases. These must be included in backups to ensure continuity and recovery.
"Application data and user-generated content should be prioritized in backups to ensure critical information is retained during restoration." - CompTIA ITF+ Data Protection Correct answer: B

NEW QUESTION: 69
A user is trying to view a report via a hyperlink on a website. When the user clicks on the hyperlink, nothing happens. Which of the following must be configured to view the report?
A. Cache clearing
B. Accessibility options
C. Pop-up blocker
D. Private browsing
Answer: (SHOW ANSWER)
Pop-up blockers prevent new windows or tabs from opening, which can block reports that open in pop-up windows:
* "If a web page uses pop-up windows to present information, a pop-up blocker may prevent the new content from loading."
* Cache clearing, accessibility options, or private browsing don't directly affect hyperlink behavior.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 5 - Web Browsers and Applications.

NEW QUESTION: 70
A user has concerns about device theft because they are working on a laptop at a local coffee shop. Which of the following physical devices would be best to protect the laptop?
A. Firewall
B. Privacy shield
C. USB lock
D. Cable lock
Answer: D (LEAVE A REPLY)
A cable lock (also called a Kensington lock) physically secures the laptop to a fixed object, making it difficult to steal in public spaces.
"Cable locks are physical security devices used to deter laptop theft by anchoring the device to a desk or other stationary object." - CompTIA ITF+ Official Guide

* A. Firewall is software-based and protects data, not the device.
* B. Privacy shields prevent screen visibility, not theft.
* C. USB locks prevent port access but not physical theft.
Correct answer: D

NEW QUESTION: 71
A group wants to store data while collaborating on a project. Which of the following is the best option to enable high availability of the data?
A. Cloud storage
B. External hard drive
C. Flash drive
D. Local backup
Answer: (SHOW ANSWER)
Cloud storage enables multiple users to access and modify data in real-time from different locations. It also ensures high availability by offering redundancy and online access.
"Cloud storage provides high availability, accessibility, and collaboration capabilities, making it ideal for group projects and remote access." - CompTIA ITF+ Cloud Technologies Correct answer: A

NEW QUESTION: 72
Which of the following makes a file readable only by select users who possess a key?
A. Hidden folders
B. File permissions
C. Compression
D. Encryption
Answer: (SHOW ANSWER)
Encryption protects files by converting them into unreadable formats unless the correct decryption key is provided. The CompTIA ITF+ FC0-U71 Official Study Guide explains:
* " Encryption is the process of converting data into a secure format that cannot be read without a decryption key. Only users with the proper key can access the original data. "
* File permissions control user access based on OS-level rules, but encryption specifically ensures that only those with the key can read the file even if they access the file storage.
* Hidden folders merely conceal files but don't protect content. Compression reduces file size but doesn't protect access.
Reference: CompTIA ITF+ FC0-U71 Official Study Guide, Chapter 10 - Security Concepts.
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NEW QUESTION: 73
Which of the following is commonly used to measure the RAM capacity of a smartphone?
A. GB
B. KB

C. MB
D. TB
Answer: (SHOW ANSWER)
RAM (Random Access Memory) in smartphones and computers is most commonly measured in gigabytes (GB) today. Typical smartphone RAM ranges from 2GB to 16GB depending on performance and price.
"Memory capacity in modern devices like smartphones is measured in gigabytes (GB), reflecting their need to support multitasking and app usage." - CompTIA ITF+ Official Resources Other options:
KB and MB were used in earlier computing generations.
TB is used for storage, not RAM.
Correct answer: A

NEW QUESTION: 74
All relational databases utilize unique identifiers. Which of the following is the best term for an identifier?
A. Foreign key
B. Record
C. Primary key
D. Key/value
Answer: C (LEAVE A REPLY)
The CompTIA Tech+ Study Guide explains:
"For a table in a database to be relational, it must have a primary key. In fact, its creation is mandatory when a table is created. A primary key is one or more fields whose data is used to identify a record uniquely." It further adds:
"Primary keys for tables are stored in an index, which enforces the uniqueness requirement." Hence, the unique identifier for records in a relational database is the primary key.
Verified Reference:
* Chapter 7: Database Fundamentals - "Primary Key" (pp. 394-395).

NEW QUESTION: 75
[IT Concepts and Terminology] A systems administrator resolves a persistent issue with a laptop. Which of the following steps should the administrator take next?
A. Test the theory.
B. Document the findings.
C. Create an action plan.
D. Implement the action plan.
Answer: B (LEAVE A REPLY)

After resolving the issue, the final step in the CompTIA troubleshooting methodology is to document the findings. This includes noting what was done, what caused the issue, and how it was resolved, so others can reference it in the future.
"After resolving and verifying the issue, document the findings, actions taken, and outcomes to complete the troubleshooting process." - CompTIA ITF+ Troubleshooting Steps Correct answer: B

NEW QUESTION: 76
Which of the following wireless technologies would most likely be used to make a purchase from a vending machine?
A. 802.11X
B. SFP
C. Bluetooth
D. NFC
Answer: D (LEAVE A REPLY)
The CompTIA Tech+ Study Guide defines:
"Devices that use radio frequency (RF) transmit a very limited range, typically only a few inches or so. This technology is fairly common in mobile payment applications. Because of the short distances involved, a related term you'll see is near-field communication (NFC)."
NFC allows devices such as smartphones to securely transmit payment data over short distances-precisely the method used in vending machine purchases.
Verified Reference:
* Chapter 2: Peripherals and Connectors - "Wireless Connections: NFC" (p. 99).

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NEW QUESTION: 77
Given the following pseudocode:
10 FOR Q=1 TO 100
20 PRINT Q
30 NEXT Q
40 EXIT
Which of the following best represents line 10?
A. Attribute

B. Sequence
C. Branch
D. Loop
Answer: (SHOW ANSWER)
Line 10 starts with "FOR Q=1 TO 100," which is a loop construct. It defines a loop that will run 100 times, incrementing Q from 1 to 100 and executing the enclosed lines (20 and 30). "Loops are programming constructs that repeat a set of instructions until a condition is met. A 'FOR' loop is a common control structure in procedural programming." - CompTIA ITF+ Official Objectives Other options:
Attribute applies to objects, not control flow.
Sequence is the overall flow of code lines.
Branches involve decision-making (e.g., IF/ELSE), not repetition.
Correct answer: D

NEW QUESTION: 78
A systems administrator connects a printer to a computer. After the printer is set up, it still does not work.
Which of the following is the most likely cause of the issue?
A. Services
B. Drivers
C. Permissions
D. Extensions
Answer: B (LEAVE A REPLY)
The correct answer is B. Drivers. A printer driver is required so the operating system can communicate with the printer. If the printer is connected and appears to be set up but still does not work, an incorrect, missing, or outdated driver is the most likely cause. Services, permissions, and extensions can affect some systems, but the most direct and common issue after printer setup is driver installation.
Exact Extract/Reference: The CompTIA Tech+ Study Guide states that, in addition to connecting the printer,
"you need to install a special piece of software called a printer driver so the operating system knows how to talk to the printer." The guide also explains that after hardware installation, the operating system either detects the device automatically or the user must install a driver manually.
Verified and corrected questions 172-178:

NEW QUESTION: 79
A user ' s internet speed is slow. The user logs in to the router ' s administrator portal and sees that unauthorized devices are connected to the network. Which of the following actions should the user take to prevent unauthorized use of the network?
A. Call the internet provider ' s support line.

B. Decrease the Wi-Fi signal range.
C. Change the password.
D. Reset the router.
Answer: C (LEAVE A REPLY)
Changing the router ' s password (particularly the Wi-Fi password) prevents unauthorized users from reconnecting to the network. It's the most immediate and effective response.
"One of the most effective ways to secure a wireless network is by changing the default and existing passwords to prevent unauthorized access." - CompTIA ITF+ Security Topics
* Calling support may help but doesn't address the issue directly.
* Decreasing signal range may reduce but not eliminate access.
* Resetting the router is more disruptive and unnecessary if the password can be changed.
Correct answer: C

NEW QUESTION: 80
Which of the following best describes a group of computers that are in close proximity to each other on the same network?
A. Client/server
B. MAC
C. Peer-to-peer
D. LAN
Answer: D (LEAVE A REPLY)

NEW QUESTION: 81
Users are discussing the birthdays and home addresses of notable public figures in a public chat room. Which of the following security concepts is being compromised?
A. Confidentiality
B. Integrity
C. Privacy
D. Availability
Answer: (SHOW ANSWER)
Privacy involves protecting personal or sensitive information from being disclosed without consent. Sharing individuals' birthdays and home addresses-even if they are public figures-violates the privacy principle.
"Privacy ensures that personal data is collected, used, and shared responsibly and legally. Exposing personal information in public forums can breach this principle." - CompTIA ITF+ Official Objectives Correct answer: C

NEW QUESTION: 82
Which of the following is the smallest storage unit?
A. Petabyte
B. Terabyte

C. Kilobyte
D. Megabyte
Answer: C (LEAVE A REPLY)
The correct order of storage units from smallest to largest is:
Kilobyte (KB)
Megabyte (MB)
Terabyte (TB)
Petabyte (PB)
"A kilobyte is approximately 1,000 bytes. It is smaller than a megabyte (1 million bytes), terabyte (1 trillion bytes), or petabyte (1 quadrillion bytes)." - CompTIA ITF+ Reference
Hence, C. Kilobyte is the smallest unit listed.

NEW QUESTION: 83
A user purchases a new router and wants to configure it. Which of the following should the user change first?
A. IP settings
B. Channel
C. Gateway
D. Default password
Answer: (SHOW ANSWER)
According to the CompTIA Tech+ Study Guide (Exam FC0-U71, 3rd Edition, 2025), one of the five critical steps when configuring a wireless router is to change the administrator username and password:
"The Wi-Fi Alliance lists five critical keys to setting up a secured wireless router:
* Change the router's SSID.
* Change the administrator username and password. Make sure that it's a strong password.
* Enable WPA3 or WPA2 Personal.
* Choose a strong security passphrase.
* Connect clients using the same security mode."
This ensures unauthorized users cannot log in to the router's settings.
Verified Reference:
* Chapter 8: Networking Concepts and Technologies - "Setting Up a Small Wireless Network" (pp.
463-467).

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