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**FC0-U61**

**CompTIA IT Fundamentals+ Certification Exam**

**Exam A**

**QUESTION 1**
Which of the following allows wireless devices to communicate to a wired network?

A. Modem
B. Switch
C. Firewall
D. Access point

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 2**
Which of the following computing devices would be used to provide a centralized means to distribute services to a group of clients and usually possesses a role on a LAN?

A. Laptop
B. Workstation
C. Mobile phone
D. Server

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**
**QUESTION 3**

Which of the following BEST describes an application running on a typical operating system?

A. Process
B. Thread
C. Function
D. Task

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 4**
The broadcast signal from a recently installed wireless access point is not as strong as expected. Which of the following actions would BEST improve the signal strength?

A. Update from 802.11b to 802.11g.
B. Ensure sources of EMI are removed.
C. Enable WPA2-Enterprise.
D. Use WiFi Protected Setup.

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 5**
A systems administrator uses a program that interacts directly with hardware to manage storage, network, and virtual machines. This program is an example of:

A. a storage area network.
B. an embedded OS.
C. network attached storage.
D. a Type 1 hypervisor.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 6**
Which of the following is a compiled language?

A. Perl
B. JScript
C. Java
D. PowerShell

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 7**
Which of the following actions is the FINAL step in the standard troubleshooting methodology?



**https://vceplus.com/**

A. Document the solution and cause.
B. Create a new theory of cause.
C. Research the problem online.

D. Implement preventive measures.

**Correct Answer:** A
**Section: (none)**
**Explanation**
**Explanation/Reference:**

**QUESTION 8**
Which of the following is a value that uniquely identifies a database record?

A. Foreign key
B. Public key
C. Primary key
D. Private key

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 9**
A systems administrator wants to return results for a time range within a database. Which of the following commands should the administrator use?

A. SELECT
B. INSERT
C. DELETE
D. UPDATE

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 10**
Which of the following statements BEST describes binary?

A. A notational system used to represent an "on" or "off" state
B. A notational system used to represent media access control
C. A notational system used to represent Internet protocol addressing
D. A notational system used to represent a storage unit of measurement

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 11**
A program needs to choose apples, oranges, or bananas based on an input. Which of the following programming constructs is BEST to use?

A. Variable
B. If
C. Datatype
D. Comment

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 12**
A UPS provides protection against:

A. denial of service
B. replay attack.
C. power outages.
D. wiretapping.

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**
**QUESTION 13**
A company executive wants to view company training videos from a DVD. Which of the following components would accomplish this task?

A. Optical drive
B. Hard disk drive
C. Solid state drive
D. Flash drive

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 14**
A technician is troubleshooting a problem. The technician tests the theory and determines the theory is confirmed. Which of the following should be the technician's NEXT step?

A. Implement the solution.
B. Document lessons learned.
C. Establish a plan of action.
D. Verify full system functionality.

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 15**
Given the following pseudocode:

```
program Breakfast
weekday = ["Monday", "Tuesday", "Wednesday", "Thursday", "Friday"]
weekend = ["Saturday", "Sunday"]
  if today == Wednesday
    output "Bacon and eggs"
  else if today == Firday
    output "Oatmeal"
  else if today in weekend
    output "Waffles"
  else
    output "Pancakes"
end
```

If the Breakfast program ran on Sunday, which of the following would be the output?

A. Oatmeal
B. Bacon and eggs
C. Waffles
D. Pancakes

**Correct Answer:** C
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 16**
Which of the following BEST describes a kilobyte?

A. A kilobyte is a measurement of storage (e.g., 100KB).
B. A kilobyte is a measurement of throughput (e.g.,100Kbps).
C. A kilobyte is a measurement of power (e.g., 100KW).
D. A kilobyte is a measurement of processor speed (e.g., 2.4KHz).

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 17**
Which of the following security concerns is a threat to confidentiality?

A. Replay attack
B. Denial of service
C. Service outage
D. Dumpster diving

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 18**
Which of the following software license models allows a developer to modify the original code and release its own version of the application?

A. Proprietary software
B. Commercial software
C. Open source software

D. Cross-platform software

**Correct Answer:** C
**Section: (none)**
**Explanation**
**Explanation/Reference:**

**QUESTION 19**
Which of the following are the basic computing operations?

A. Input, process, output, and feedback
B. Input, output, storage, and feedback
C. Input, process, and output
D. Input, process, output, and storage

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 20**
Which of the following is a wireless communication that requires devices to be within 6in of each other to transfer information?

A. Infrared
B. NFC
C. Bluetooth
D. WiFi

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 21**
The IT department has established a new password policy for employees. Specifically, the policy reads:

▪ Passwords must not contain common dictionary words
▪ Passwords must contain at least one special character.
▪ Passwords must be different from the las six passwords used.
▪ Passwords must use at least one capital letter or number.

Which of the following practices are being employed? (Select TWO).

A.  Password lockout
B.  Password complexity
C.  Password expiration
D.  Passwords history
E.  Password length
F.  Password age

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**


**QUESTION 22**
Which of the following would MOST likely prevent malware sent as compromised file via email from infecting a person's computer?

A.  Email previewing
B.  Patching
C.  Clear browsing cache
D.  Kill process

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 23**

A user wants to use a laptop outside the house and still remain connected to the Internet. Which of the following would be the BEST choice to accomplish this task?

A. Thunderbolt cable

B. Bluetooth module

C. Infrared port

D. WLAN card

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 24**

Joe, a user, finds out his password for a social media site has been compromised. Joe tells a friend that his email and banking accounts are probably also compromised. Which of the following has Joe MOST likely performed?

A. Password reuse

B. Snooping

C. Social engineering

D. Phishing

**Correct Answer:** A
**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 25**
Which of the following network protocols will MOST likely be used when sending and receiving Internet email? (Select TWO.)

A. SMTP
B. POP3
C. SNMP
D. DHCP
E. ICMP
F. SFTP

**Correct Answer:** AB
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 26**
A database administrator finds that a table is not needed in a relational database. Which of the following commands is used to completely remove the table and its data?

A. UPDATE
B. DELETE
C. ALTER
D. DROP

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 27**
Ann, the president of a company, has requested assistance with choosing the appropriate Internet connectivity for her home. The home is in a remote location and has no connectivity to existing infrastructure. Which of the following Internet service types should MOST likely be used?

A. Fiber
B. DSL
C. Cable
D. Satellite

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**
**QUESTION 28**
Which of the following language types would a web developer MOST likely use to create a website?

A. Interpreted
B. Query
C. Compiled
D. Assembly

**Correct Answer:** A
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 29**
A startup company has created a logo. The company wants to ensure no other entity can use the logo for any purpose. Which of the following should the company use to BEST protect the logo? (Select TWO).

A. Patent
B. Copyright
C. NDA
D. Trademark

E. EULA

**Correct Answer:** BD
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 30**
Which of the following would be BEST to keep the data on a laptop safe if the laptop is lost or stolen?

A. Host-based firewall
B. Strong administrator password
C. Anti-malware software
D. Full disk encryption

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 31**
Which of the following data types should a developer use when creating a variable to hold a postal code?

A. Integer
B. String
C. Float
D. Boolean

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**

**QUESTION 32**
A function is BEST used for enabling programs to:

A. hold a list of numbers.
B. be divided into reusable components.
C. define needed constant values.
D. define variables to hold different values.

**Correct Answer:** D
**Section: (none)**
**Explanation**

**Explanation/Reference:**
**QUESTION 33**
A game developer is purchasing a computing device to develop a game and recognizes the game engine software will require a device with high-end specifications that can be upgraded. Which of the following devices would be BEST for the developer to buy?

A. Laptop
B. Server
C. Game console
D. Workstation

**Correct Answer:** B
**Section: (none)**
**Explanation**

**Explanation/Reference:**