# FC0-U61

Number: FC0-U61
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### FC0-U61



#### Exam A

#### **QUESTION 1**

Which of the following is primarily a confidentiality concern?



- A. Eavesdropping
- B. Impersonating
- C. Destructing
- D. Altering

Correct Answer: A Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 2**

A software developer develops a software program and writes a document with step-by-step instructions on how to use the software. The developer wants to ensure no other person or company will publish this document for public use. Which of the following should the developer use to BEST protect the document?

- A. Patent
- B. Trademark
- C. Watermark
- D. Copyright

Correct Answer: D Section: (none) Explanation

Which of the following database concepts would MOST likely use a CSV file?

- A. Data querying
- B. Data reports
- C. Data importing
- D. Data persistence

Correct Answer: B Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 4**

A help desk technician encounters an issue and wants to find out if a colleague has encountered the same issue before. Which of the following should the technician do FIRST?

- A. Check Knowledge Base.
- B. Search local logs.
- C. Research possible theories.
- D. Question users.

Correct Answer: A Section: (none) Explanation

# Explanation/Reference:

### **QUESTION 5**

Which of the following describes something in a database that refers to the unique identifier in the parent table?

- A. Attribute
- B. Constraint
- C. Foreign key
- D. Schema

Correct Answer: A
Section: (none)
Explanation

### **QUESTION 6**

For which of the following is a relational database management system MOST commonly used?

- A. Building flowcharts
- B. Storing information
- C. Generating reports
- D. Creating diagrams

Correct Answer: B Section: (none) Explanation

# **Explanation/Reference:**

### **QUESTION 7**

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 8**

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 9**

A user is getting an error message when trying to go to a website. A technician asks the user a few questions to find out more about the issue. The technician opens a browser locally and browses to the same site as the user. Which of the following troubleshooting steps is the technician using by browsing to the same site?

- A. Establish a plan of action.
- B. Gather information
- C. Duplicate the problem.
- D. Find the root cause.

Correct Answer: C Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 10**

A user is attempting to print a document to a wireless printer and receives an error stating the operation could not be completed. Which of the following should the user do to correct this issue?

- A. Ensure both devices are connected to the LAN.
- B. Enable task scheduling.
- C. Reset the proxy settings to their default values.
- D. Review the fault tolerance configurations.

**Correct Answer:** A

Section: (none) Explanation
Explanation/Reference:
QUESTION 11 Which of the following relational database constructs is used to ensure valid values are entered for a column?
A. Schema B. Permissions C. Constraint D. Column
Correct Answer: C Section: (none) Explanation
Explanation/Reference:
QUESTION 12  A user is buying a laptop. The user will have a lot of personal and confidential information on the laptop. The user wants to ensure data cannot be accessed by anyone, even if the laptop is stolen. Which of the following should be set up to accomplish this?
A. Encryption B. Compression C. Permissions D. Auditing
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 13 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 14**

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

- 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 15**

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

#### **QUESTION 16**

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 17**

An end user's computer has been failing to open its word processing software. An IT technician successfully solves the problem. Which of the following best describes the technician's NEXT step?

- A. Restart the computer.
- B. Contact other users.
- C. Disconnect the peripherals.
- D. Document the findings.

Correct Answer: D Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 18**

Which of the following is an advantage of installing an application to the cloud?

- A. Data is not stored locally.
- B. Support is not required.

C. Service is not required.  D. Internet access is not required.
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 19 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 20 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

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 22**

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)
<b>Explanat</b>	ion

#### **QUESTION 23**

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 24**

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 25**

Which of the following would work BEST stored as a flat file rather than stored in a database?

A. Contact list

- B. Movie theater locations
- C. Directions to doctor's office
- D. Store inventory

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

### **Explanation/Reference:**

### **QUESTION 26**

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 27**

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

- Passwords must not contain common dictionary wordsPasswords 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 28 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 29 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 30 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 31 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 32
A technician is called to replace a display for a workstation. Which of the following would MOST likely be used to connect the display to the workstation?

A. USB B. NFC

C. DSL D. DVI
Correct Answer: D Section: (none) Explanation
Explanation/Reference:
QUESTION 33 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 34 For a disaster recovery exercise, a company wants to ensure customer data is recovered before operational data. This is an example of:
<ul><li>A. redundancy.</li><li>B. replication.</li><li>C. prioritization.</li><li>D. fault tolerance.</li></ul>
Correct Answer: C Section: (none) Explanation
Explanation/Reference:

Which of the following operating systems do not require extensions on files to execute a program? (Select TWO
---

- A. Windows 7
- B. Windows 8
- C. UNIX
- D. Windows Server 2012
- E. Android
- F. Linux

Correct Answer: CF Section: (none) Explanation

### Explanation/Reference:

### **QUESTION 36**

A technician needs to install a wireless router for a client that supports speeds up to 11Mbps and operates on the 2.4GHz band. Which of the following should the technician select?

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Correct Answer: B Section: (none) Explanation

# Explanation/Reference:

### **QUESTION 37**

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 38**

A developer is creating specific step-by-step instructions/procedures and conditional statements that will be used by a computer program to solve problems. Which of the following is being developed?

- A. Algorithm
- B. Software
- C. Pseudocode
- D. Flowchart

Correct Answer: A Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 39**

In which of the following situations should there be come expectation of privacy?

- A. Posting a comment on a friend's social media page
- B. Submitting personal information on a school enrollment site
- C. Posting a comment on a video sharing site
- D. Sending email and pictures to a close relative

Correct Answer: B Section: (none) Explanation

#### **QUESTION 40**

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 41**

Which of the following is the closest to machine language?

- A. Scripted languages
- B. Compiled languages
- C. Query languages
- D. Assembly languages

Correct Answer: D Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 42**

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 43**

When transferring a file across the network, which of the following would be the FASTEST transfer rate?

- A. 1001Kbps
- B. 110Mbps
- C. 1.22Gbps
- D. 123Mbps

Correct Answer: C Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 44**

A computer user is downloading software from the Internet and notices the following at the end of the install file: "...x86.exe". Which of the following statements BEST represents what the "...x86.exe" means in the installation file?

- A. x86 only supports an installation on a 32-bit CPU architecture.
- B. x86 supports an installation on a 32-bit and a 64-bit CPU architecture.
- C. x86 only supports an installation on a 64-bit CPU architecture.
- D. x86 supports an installation on a 16-bit CPU architecture.

Correct Answer: A Section: (none) Explanation

Malware infections are being caused by websites. Which of the following settings will help prevent infections caused by Internet browsing?

- A. Turn on private browsing
- B. Delete browsing history on program close.
- C. Notify when downloads are complete.
- D. Configure prompting before downloading content.

Correct Answer: D Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 46**

The sales department needs to keep a customer list that contains names, contact information, and sales records. This list will need to be edited by multiple people at the same time. Which of the following applications should be used to create this list?

- A. Database software
- B. Word processing software
- C. Conferencing software
- D. Presentation software

Correct Answer: A Section: (none) Explanation

# Explanation/Reference:

#### **QUESTION 47**

Ann, a user, connects to the corporate WiFi and tries to browse the Internet. Ann finds that she can only get to local (intranet) pages. Which of the following actions would MOST likely fix the problem?

- A. Renew the IP address.
- B. Configure the browser proxy settings.
- C. Clear the browser cache.
- D. Disable the pop-up blocker

Correct Answer: B
Section: (none)
Explanation

### **QUESTION 48**

Which of the following storage devices have a spinning disk? (Choose two.)

- A. Optical drive
- B. SSD
- C. HDD
- D. Flash drive
- E. RAM
- F. ROM

Correct Answer: AC Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 49**

Which of the following authorization techniques is used to assign permissions and authorize a user based on job title or function?

- A. Rule-based access control
- B. Mandatory access control
- C. Role-based access control
- D. Discretionary access control

Correct Answer: C Section: (none) Explanation

A user has purchased a high-end graphics card that contains a GPU. Which of the following processes is being performed by the GPU on the graphics card?

- A. Input
- B. Output
- C. Storage
- D. Processing

Correct Answer: D Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 51**

A user at a company visits a weather website often during the day. The user browses to the site in the afternoon and notices that the temperature listed is from the morning and is not the current temperature. The user closes the page and tries again with the same result. Which of the following is the MOST likely cause?

- A. Proxy server
- B. Browser add-on
- C. Corrupted cache
- D. Script blocker

Correct Answer: A Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 52**

A database administrator wants to populate a database with large amounts of data from an external source. Which of the following actions should be used to get the database populated?

- A. EXPORT
- B. IMPORT
- C. SELECT

#### D. ALTER

Correct Answer: B Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 53**

Which of the following would a company consider an asset?

- A. An external company used to destroy defective hard drives
- B. Information residing on backup tapes
- C. A company-sponsored technology conference
- D. A certified third-party vendor that provides critical components

Correct Answer: B Section: (none) Explanation

# **Explanation/Reference:**

### **QUESTION 54**

A company's team members have both old and new laptops. Which of the following connectors should be available in the conference room to ensure everyone can use the conference room projectors? (Choose two.)

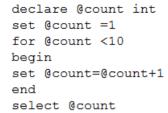
- A. USB
- B. HDMI
- C. FireWire
- D. VGA
- E. Bluetooth
- F. RJ45

Correct Answer: BD Section: (none) Explanation

# Explanation/Reference: **QUESTION 55** A programmer uses DML to modify: A. files B. permissions C. data D. backups Correct Answer: C Section: (none) Explanation **Explanation/Reference: QUESTION 56** A technician is concerned that sensitive data transmitted over the Internet can be intercepted and viewed during a MITM attack. Which of the following should the technician enable to reduce the risk? A. DLP B. ACL C. TLS D. IPS Correct Answer: C Section: (none) Explanation Explanation/Reference:

### **QUESTION 57**

Given the following pseudocode:



Which of the following is the output of the code?

A. 1

B. 9

C. 10

D. 11

Correct Answer: D Section: (none) Explanation

### Explanation/Reference:

#### **QUESTION 58**

A systems administrator is setting up a new server using RAID technology. If one hard drive in the array fails, the data is stored on another drive, preventing data loss. Which of the following business continuity concepts does this explain?

A. File backup

B. Data restoration

C. Fault tolerance

D. Restoring access

Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 

**QUESTION 59** 

A. Table B. Column C. RAM D. HDD
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 60 A remote user, who is working from home, requires significant bandwidth to connect to the corporate systems. Which of the following types of Internet service connections would BEST meet the user's needs?
A. T1 line B. Satellite C. Fiber optic D. DSL
Correct Answer: C Section: (none) Explanation
Explanation/Reference:
QUESTION 61 A company wants an application to be accessed by concurrent users and store company information securely. Which of the following would be the BEST option for storing the information?
A. Word processing document B. Flat file C. Database D. Spreadsheet

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Which of the following BEST describes the physical location of the data in the database?

Correct Answer: C
Section: (none)
Explanation

### **QUESTION 62**

A systems administrator wants to run a script at a certain time every day. Which of the following is the BEST way to achieve this?

- A. Perform process management.
- B. Perform task scheduling.
- C. Set the system date and time.
- D. Set a reminder to run the script.

Correct Answer: B Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 63**

The computer language that is closest to machine code is:

- A. query language
- B. scripting language
- C. markup language
- D. assembly language

Correct Answer: D Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 64**

Employee information is stored in a database. Which of the following BEST describes where all of an employee's information is stored?

A. Record B. Report C. Column D. Procedure Correct Answer: A Section: (none) Explanation Explanation/Reference: **QUESTION 65** Which of the following is an example of an interpreted language? A. C++ B. Java C. Python D. Go Correct Answer: C Section: (none) **Explanation** Explanation/Reference: **QUESTION 66** An employee's laptop does not connect to the Internet when it is used in a coffee shop. Which of the following is the MOST likely cause? A. Script blocker B. Proxy settings C. Private browsing D. Full browser cache

Correct Answer: B Section: (none) Explanation

#### **QUESTION 67**

Which of the following filesystems would a Linux computer MOST likely use?

- A. HFS
- B. NTFS
- C. FAT32
- D. ext4

Correct Answer: D Section: (none) Explanation

### Explanation/Reference:

### **QUESTION 68**

Which of the following concerns does installing cross-platform software address?

- A. Subscription
- B. Licensing
- C. Product key
- D. Compatibility

Correct Answer: D Section: (none) Explanation

# **Explanation/Reference:**

### **QUESTION 69**

Which of the following BEST explains the use of float over integer to store monetary values?

- A. It accepts negative values.
- B. It stores symbols
- C. It accommodates larger values.

D. It supports decimals.
Correct Answer: D Section: (none) Explanation
Explanation/Reference:
QUESTION 70 An IP address is 32 bits long. If converted to bytes, it would be:
A. 4 bytes B. 8 bytes C. 16 bytes D. 64 bytes
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 71 Which of the following WiFi security options would create the MOST need for a VPN connection on the client device?
A. Open B. WEP C. WPA D. WPA2
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 72

A company has installed an application that only requires a workstation to function. Which of the following architecture types is this application using?
A. One-tier B. Two-tier C. Three-tier D. <i>n</i> -tier
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 73 A global variable called "age" will be created in a program and incremented through the use of a function. Which of the following data types should be defined with the age variable?
A. Integer B. Float C. Double D. String
Correct Answer: A Section: (none) Explanation
Explanation/Reference:
QUESTION 74 When developing a game, a developer creates a boss object that has the ability to jump. Which of the following programming concepts does jump represent?
A. Method B. Object C. Property D. Attribute
Correct Answer: D

Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 75**

Concerned with vulnerabilities on a home network, an administrator replaces the wireless router with a recently released new device. After configuring the new device utilizing the old SSID and key, some light switches are no longer communicating. Which of the following is the MOST likely cause?

- A. The light switches do not support WPA2.
- B. The router is operating on a different channel.
- C. The key does not meet password complexity requirements.
- D. The SSID is not being broadcast.

Correct Answer: B Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 76**

Given the following pseudocode:

For each apple in the basket, eat two oranges unless it is the last apple, then eat three oranges.

If there are seven apples in the basket, which of the following would be the number of oranges a person eats?

- A. 10
- B. 14
- C. 15
- D. 17

Correct Answer: C Section: (none) Explanation

Which of the following are the primary functions of an operating system? (Choose two.)

- A. Provide structure for file and data management.
- B. Provide protection against malware and viruses.
- C. Provide peer-to-peer networking capability.
- D. Provide user data encryption.
- E. Provide virtual desktop capability.
- F. Provide system resources.

Correct Answer: AF Section: (none) Explanation

### **Explanation/Reference:**

#### **QUESTION 78**

Which of the following is both an input and output device?

- A. Microphone
- B. Speaker
- C. Touch-screen monitor
- D. Keyboard

Correct Answer: A Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 79**

A user revisits a website and receives a message that the site may not be secure. The user is prompted to click a link to continue to the site. Which of the following would MOST likely identify the issue?

A. Checking the proxy settings

- B. Checking that caching is enabled
- C. Checking browser add-ons
- D. Checking certificate validity

Correct Answer: D Section: (none) Explanation

### **Explanation/Reference:**

### **QUESTION 80**

A user wants to ensure port 3389 is open for remote desktop on a PC. Which of the following describes where the user should verify the port is open?

- A. Antivirus
- B. Anti-malware
- C. Device Manager
- D. Host firewall

Correct Answer: D Section: (none) Explanation

