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FC0-U61

CompTIA IT Fundamentals+ Certification Exam

Version 1.0

Exam B

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

Explanation/Reference:

QUESTION 3 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 BEST describes the practice of providing user credentials when logging onto the network?

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

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6 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 7
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 8 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

Explanation/Reference:

QUESTION 9 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 10 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 11
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 12
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 13 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 14
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 15
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 16
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
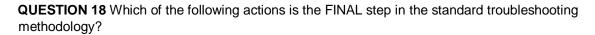**Section: (none)**
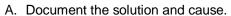**Explanation**

Explanation/Reference:

QUESTION 17 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 18 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 19 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 20
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 21 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 22 Joe, a developer, is writing a program in which he needs to store a number that changes over the duration of the program's run. Which of the following would Joe MOST likely use to accomplish this?

A. Loop
B. Variable
C. Constant
D. Function

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23 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 24 A regulation requires new applicants to provide a scan of their retinas in case of any future legal questions regarding who applied for the position. Which of the following concepts is this an example of?

A. Non-repudiation
B. Authentication
C. Integrity
D. Accounting

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25 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 26 A small company wants to set up a server that is accessible from the company network as well as the Internet. Which of the following is MOST important to determine before allowing employees to access the server remotely?

A. The quality of the computer used to connect
B. A security method of allowing connections
C. The employees' home ISP speeds
D. The geographical location of the employees

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
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 28 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 29
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 30
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 31
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 32 A desktop administrator just connected a printer to a workstation, but the workstation does not recognize the printer. Which of the following does the workstation MOST likely need for the printer to function?

A. Permission
B. Ink cartridge
C. USB cable
D. Driver

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33 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 34 Which of the following security concerns is a threat to confidentiality?

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

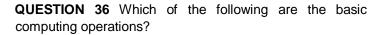**Correct Answer:** A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35 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 36 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 37 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 38
An administrator grants permission for a user to access data in a database. Which of the following actions was performed?

A. Data correlation
B. Data manipulation
C. Data gathering
D. Data definition

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
An employee is asked to generate a report on a student information system. The employee uses spreadsheet software and connects to a remote database to pull data for the report. Which of the following types of application architectures did the employee use?

A. Standalone application
B. Client-server application
C. Web application
D. Cloud application

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Ann, a user, is experiencing difficulty getting her IP-based security camera to function at her house after a rain storm that caused a power interruption. The camera has an LED light indicating it has power. Which of the following is MOST likely the problem?

A. The power interruption caused the camera to malfunction.
B. Ann has a compatibility problem with the camera.
C. A firmware update needs to be applied to the camera.
D. Ann's Internet connection and wireless router are still down.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 A programmer needs to store output in a place that can be accessed as quickly as possible. The data does not need to remain persistent. Which of the following is the BEST option for storing the data?

A. Flat file
B. Memory
C. Relational database
D. Solid state drive
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42 Which of the following intellectual property concepts BEST represents a legally protected slogan
of a business?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43 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 44 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 45
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 46
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 47 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 48 A technician is installing a new wireless network and wants to secure the wireless network to prevent unauthorized access. Which of the following protocols would be the MOST secure?

A. WPA
B. SSID
C. WEP
D. WPA2

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49

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 50 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 51 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 52
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 53 Which of the following is MOST likely used to represent international text data?

A. ASCII
B. Octal
C. Hexadecimal
D. Unicode

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54 For a disaster recovery exercise, a company wants to ensure customer data is recovered before operational data. This is an example of:

A. redundancy.
B. replication.
C. prioritization.
D. fault tolerance.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55 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 56
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 57 Which of the following is an example of multifactor authentication?

A. Password and passphrase
B. Fingerprint and retina scan
C. Hardware token and smartphone
D. Smart card and PIN

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58 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 59 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 60 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 61 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 62 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

Explanation/Reference:

QUESTION 63 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 64 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 65 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 66 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 67
A technician has been asked to assign an IP address to a new desktop computer. Which of the following is a valid IP address the technician should assign?

A. 127.0.0.1
B. 172.16.2.189
C. 192.168.257.1
D. 255.255.255.0

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
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:

QUESTION 69 A company requires several reports that analyze related information from sales, inventory, marketing, and compensation data. Which of the following is the BEST place to store this data?

A. Flat file
B. Word processor
C. Database
D. Network share

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70 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

Explanation/Reference:

QUESTION 71 Which of the following would be used to send messages using the SMTP protocol?

A. Document sharing software
B. Instant messaging software
C. Conferencing software
D. Email software

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
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 73
Which of the following is an example of information a company would ask employees to handle in a sensitive manner?

A. Customer date of birth
B. The first and last name of the Chief Executive Officer (CEO)
C. Customer service number
D. Company social media screen name

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 74
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 75
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

Explanation/Reference: