



# CompTIA

## Exam Questions FC0-U61

CompTIA IT Fundamentals+ Certification Exam

#### NEW QUESTION 1

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

**Answer:** C

#### NEW QUESTION 2

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

**Answer:** C

#### NEW QUESTION 3

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

**Answer:** B

#### NEW QUESTION 4

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.

**Answer:** C

#### NEW QUESTION 5

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

**Answer:** D

#### NEW QUESTION 6

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

**Answer:** D

#### NEW QUESTION 7

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

**Answer:** C

#### NEW 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

**Answer:** A

#### NEW QUESTION 9

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

**Answer:** B

#### NEW QUESTION 10

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

**Answer:** CF

#### NEW QUESTION 10

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.

**Answer:** D

#### NEW QUESTION 11

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).

**Answer:** A

#### NEW QUESTION 15

In which of the following situations should there be some 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

**Answer:** B

#### NEW QUESTION 20

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

**Answer:** AB

#### NEW QUESTION 23

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

**Answer:** D

#### NEW QUESTION 27

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

**Answer:** D

#### NEW QUESTION 31

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

**Answer:** A

#### NEW QUESTION 34

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

**Answer:** B

#### NEW QUESTION 36

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

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

**Answer:** D

#### NEW QUESTION 38

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

**Answer:** B

#### NEW QUESTION 42

Which of the following is primarily a confidentiality concern?

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

**Answer:** A

#### NEW QUESTION 44

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

**Answer:** D

#### NEW QUESTION 49

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

**Answer:** C

#### NEW QUESTION 54

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

**Answer:** B

#### NEW QUESTION 59

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

**Answer:** A

#### NEW QUESTION 62

Given the following pseudocode:

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

**Answer:** C

#### NEW QUESTION 66

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

**Answer:** A

#### NEW QUESTION 67

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.

**Answer:** C

#### NEW QUESTION 71

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.

**Answer:** D

#### NEW QUESTION 74

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.

**Answer:** A

#### NEW QUESTION 79

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

**Answer:** D

#### NEW QUESTION 82

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

**Answer:** A

#### NEW QUESTION 85

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.

**Answer:** C

#### NEW QUESTION 86

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.

**Answer:** A

#### NEW QUESTION 87

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