Correct Answer: A

QUESTION 20
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

QUESTION 21
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

QUESTION 22
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

QUESTION 23
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

QUESTION 24
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

QUESTION 25
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

QUESTION 26
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

QUESTION 27
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

QUESTION 28
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

QUESTION 29
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

QUESTION 30
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

QUESTION 31
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

QUESTION 32

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

QUESTION 33
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

QUESTION 34
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

QUESTION 35
Which of the following is primarily a confidentiality concern?

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

Correct Answer: A

QUESTION 36
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

QUESTION 37
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

QUESTION 38
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

QUESTION 39
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
QUESTION 40
Which of the following is MOST likely used to represent international text data?

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

Correct Answer: D

QUESTION 41
Which of the following security concerns is a threat to confidentiality?

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