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Grade 0.00 out of 100.00

Question 1

Not answered

Marked out of 2.00

Which component of the Android architecture manages the device's hardware resources?

- ☐ a. Package Manager
- ☐ b. Activity Manager
- ☐ c. Hardware Abstraction Layer (HAL)
- ☐ d. Content Provider

The correct answer is:

Hardware Abstraction Layer (HAL)

Question 2

Not answered

Marked out of 2.00

Which of the following are true regarding the differences of "cp" and "mv"?

- ☐ a. The "cp" command in Linux copies files or directories to a new location, while the "mv" command moves files or directories to a new location
- ☐ b. The "cp" command in Linux preserves the ownership and permissions of the original files, while the "mv" command does not
- ☐ c. The "mv" command in Linux can be used to rename files and directories, while the "cp" command cannot
- ☐ d. The "cp" command in Linux can be used to copy files and directories to remote systems using SSH, while the "mv" command cannot

The correct answer is:

The "cp" command in Linux copies files or directories to a new location, while the "mv" command moves files or directories to a new location

Question 3

Not answered

Marked out of 2.00

What is Android Debug Bridge (ADB)?

- ☐ a. An Android app that helps users debug their own apps
- ☐ b. A type of cable used to connect an Android device to a computer
- ☐ c. A command-line tool that allows developers to communicate with an Android device
- ☐ d. None of the above

The correct answer is:

A command-line tool that allows developers to communicate with an Android device

Question 4

Not answered

Marked out of 2.00

What is the "fstab" file in Linux? How do you use it to mount file systems at boot time?

- ☐ a. It is a log file that records information about file systems mounted at boot time; You use the mount command to mount file systems listed in the fstab file.
- ☐ b. It is a configuration file that contains information about file systems to be mounted at boot time; You use the mount -a command to mount file systems listed in the fstab file.
- ☐ c. It is a configuration file that contains information about file systems to be mounted at boot time; You use the mount command to mount file systems listed in the fstab file.
- ☐ d. It is a script that automatically mounts file systems at boot time; You use the systemctl command to start the fstab service.

The correct answer is:

It is a configuration file that contains information about file systems to be mounted at boot time; You use the mount -a command to mount file systems listed in the fstab file.

Question 5

Not answered

Marked out of 2.00

Which of the following RAM types is LEAST likely to work optimally when installed in dual channel mode?

- ☐ a. RAMBUS
- ☐ b. DDR3
- ☐ c. DDR2
- ☐ d. SDRAM

The correct answer is:

SDRAM

Question 6

Not answered

Marked out of 2.00

Which of the following statements accurately describes Touch ID in iOS devices?

- ☐ a. Touch ID is a hardware sensor that captures a high-resolution image of a user's fingerprint and converts it into a mathematical representation.
- ☐ b. Touch ID is a feature that allows users to unlock their devices by scanning their fingerprints.
- ☐ c. Touch ID uses a secure enclave to store and process fingerprint data, ensuring that it remains protected.
- ☐ d. Touch ID can be used not only to unlock devices, but also to authenticate purchases, sign into apps, and access sensitive data.

The correct answer is:

Touch ID is a hardware sensor that captures a high-resolution image of a user's fingerprint and converts it into a mathematical representation.

Question 7

Not answered

Marked out of 2.00

In order to enable BitLocker encryption in Windows 10, which of the following requirements must be met? Choose TWO.

- ☐ a. Platform Secure Boot must be disabled
- ☐ b. Direct memory access (DMA) protection must be enabled
- ☐ c. The device must contain a Wi-Fi adapter
- ☐ d. The device must contain a TPM (Trusted Platform Module) chip

The correct answers are:

The device must contain a TPM (Trusted Platform Module) chip,

Direct memory access (DMA) protection must be enabled

Question 8

Not answered

Marked out of 2.00

Which tool is used to build and package iOS apps for distribution?

- ☐ a. Eclipse
- ☐ b. Android Studio
- ☐ c. Visual Studio
- ☐ d. Xcode

The correct answer is:

Xcode

Question 9

Not answered

Marked out of 2.00

When replacing the CPU in a laptop, which of the following locations should have thermal grease applied?

- ☐ a. Top of the CPU
- ☐ b. Connection points on the system board
- ☐ c. Bottom of the CPU
- ☐ d. Axis of the cooling fan

The correct answer is:

Top of the CPU

Question 10

Not answered

Marked out of 2.00

What is the main layout file format used in Android development?

- ☐ a. JavaScript
- ☐ b. HTML
- ☐ c. XML
- ☐ d. CSS

The correct answer is:

XML

Question 11

Not answered

Marked out of 2.00

You have a user whose account you want to disable but not remove. What should you do?

- ☐ a. Edit `/etc/shadow` and remove the last field
- ☐ b. Edit `/etc/gshadow` and just remove his name
- ☐ c. Edit `/etc/passwd` and change all numbers to 0
- ☐ d. Edit `/etc/group` file and put a # sign in front of his name
- ☐ e. Edit `/etc/passwd` and insert an * after the first :

The correct answer is:

Edit `/etc/passwd` and insert an * after the first :

Question 12

Not answered

Marked out of 2.00

How do you configure a Linux system to automatically run a script at boot time?

- ☐ a. The "init" daemon in Linux can be used to run a script at boot time
- ☐ b. You can add a command to the "/etc/rc.local" file to run a script at boot time in Linux
- ☐ c. The "cron" daemon in Linux can be used to run a script at boot time
- ☐ d. To run a script at boot time in Linux, you can create a systemd service unit file

The correct answer is:

To run a script at boot time in Linux, you can create a systemd service unit file

Question 13

Not answered

Marked out of 2.00

Which of the following is the most accurate definition of an app icon on iOS?

- ☐ a. Multiple instances of the actual app.
- ☐ b. An instance of the actual app.
- ☐ c. Shortcut of the app.
- ☐ d. The actual app.

The correct answer is:

The actual app.

Question 14

Not answered

Marked out of 2.00

An administrator wants to prevent people outside of the building from accessing a new wireless router. Which of the following is the LEAST labor intensive method to use while setting up new workstations?

- ☐ a. Setup static IP addresses
- ☐ b. Use wireless encryption
- ☐ c. Institute MAC filtering
- ☐ d. Turn SSID broadcast off

The correct answer is:

Turn SSID broadcast off

Question 15

Not answered

Marked out of 2.00

Which of the following is false?

- ☐ a. "firewalld" is a firewall solution for Linux that is based on iptables and provides support for dynamic rules
- ☐ b. "ufw" is a firewall solution for Linux that provides an easy-to-use interface for configuring firewall rules
- ☐ c. All firewalls for Linux operate on the same basic principles and differ only in their user interface
- ☐ d. You can set up a firewall in Linux using the "iptables" command

The correct answer is:

All firewalls for Linux operate on the same basic principles and differ only in their user interface

Question 16

Not answered

Marked out of 2.00

Which of the following are valid ways to configure Windows 10 disk encryption settings? Choose TWO.

- ☐ a. Using the BitLocker Drive Encryption feature in the Control Panel
- ☐ b. None of the above
- ☐ c. Modifying the disk encryption settings in the registry
- ☐ d. Using the Windows PowerShell command-line tool to configure disk encryption
- ☐ e. Configuring disk encryption settings in the Device Manager

The correct answers are:

Using the BitLocker Drive Encryption feature in the Control Panel,

Using the Windows PowerShell command-line tool to configure disk encryption

Question 17

Not answered

Marked out of 2.00

Which of the following encryption methods is considered easily broken and should be avoided when configuring wireless security?

- ☐ a. WPA
- ☐ b. WEP
- ☐ c. TKIP
- ☐ d. AES

The correct answer is:

WEP

Question 18

Not answered

Marked out of 2.00

Which of the following printers includes an imaging drum and fuser assembly?

- ☐ a. Inkjet
- ☐ b. Thermal
- ☐ c. Impact
- ☐ d. Laser

The correct answer is:

Laser

Question 19

Not answered

Marked out of 2.00

Which of the following has the FASTEST connection speed?

- ☐ a. ISDN
- ☐ b. Dial-Up
- ☐ c. WiMAX
- ☐ d. Cable

The correct answer is:

Cable

Question 20

Not answered

Marked out of 2.00

Which of the following programming languages are used for iOS app development?

- ☐ a. Objective-C
- ☐ b. Swift
- ☐ c. C++
- ☐ d. C#
- ☐ e. Java

The correct answers are:

Swift,

Objective-C

Question 21

Not answered

Marked out of 2.00

Which of the following provides a non-graphical, text based interface for users who are visually impaired that can be used as a screen reader?

- ☐ a. xscreen
- ☐ b. textconvert
- ☐ c. emacspeak
- ☐ d. easyspeech

The correct answer is:

emacspeak

Question 22

Not answered

Marked out of 2.00

Which of the following tools can be used to manage user accounts in Windows 10?

- ☐ a. Local Security Policy
- ☐ b. Control Panel
- ☐ c. Task Manager
- ☐ d. Computer Management

The correct answer is:

Control Panel

Question 23

Not answered

Marked out of 2.00

Which of the following is a built-in Windows 10 tool for checking and fixing errors on a hard drive?

- ☐ a. Disk Cleanup
- ☐ b. Check Disk (chkdsk)
- ☐ c. System File Checker (sfc)
- ☐ d. Performance Monitor

The correct answer is:

Check Disk (chkdsk)

Question 24

Not answered

Marked out of 2.00

Which is a command line utility that allows you to access the entries stored in various Name Service Switch (NSS) libraries on a Linux or Unix-like system?

- ☐ a. getent
- ☐ b. whoami
- ☐ c. id
- ☐ d. finger

The correct answer is:

getent

Question 25

Not answered

Marked out of 2.00

A client wants to store video and music in one central location and stream it to multiple devices. Which of the following would BEST fill this need?

- ☐ a. Gaming
- ☐ b. Home server
- ☐ c. Home theater
- ☐ d. Virtualization workstation

The correct answer is:

Home server

Question 26

Not answered

Marked out of 2.00

Which file format is used for storing iOS app icons?

- ☐ a. .gif
- ☐ b. .svg
- ☐ c. .jpeg
- ☐ d. .png

The correct answer is:

.png

Question 27

Not answered

Marked out of 2.00

How can a user configure Windows 10 firewall rules? Choose TWO.

- ☐ a. Using the netsh command-line tool to configure firewall settings
- ☐ b. Modifying the firewall rules in the Windows registry
- ☐ c. Using the Windows Defender Firewall settings in the Control Panel
- ☐ d. Configuring firewall rules in the Windows Task Scheduler

The correct answers are:

Using the Windows Defender Firewall settings in the Control Panel,

Using the netsh command-line tool to configure firewall settings

Question 28

Not answered

Marked out of 2.00

A technician needs to make several patch cables. Which of the following tools would the technician use to attach the RJ-45 ends to the cables?

- ☐ a. Punch down
- ☐ b. Crimpers
- ☐ c. Cable tester
- ☐ d. Loopback plug

The correct answer is:

Crimpers

Question 29

Not answered

Marked out of 2.00

What is an APK in Android?

- ☐ a. A file that contains the Android app's executable code, resources, and manifest file
- ☐ b. A type of Android emulator used for testing apps
- ☐ c. None of the above
- ☐ d. A file format used for storing images in Android

The correct answer is:

A file that contains the Android app's executable code, resources, and manifest file

Question 30

Not answered

Marked out of 2.00

255.255.0.0 is the standard subnet mask for which of the following IP classes?

- ☐ a. Class C
- ☐ b. Class D
- ☐ c. Class A
- ☐ d. Class B

The correct answer is:

Class B

Question 31

Not answered

Marked out of 2.00

Which of the following are valid ways to configure Windows 10 device driver settings? Choose TWO.

- ☐ a. Using the Windows PowerShell command-line tool to adjust device driver settings
- ☐ b. Using the Device Manager to update, disable, or uninstall device drivers
- ☐ c. Using the Group Policy Editor to configure device driver settings
- ☐ d. Modifying the driver settings in the Windows registry
- ☐ e. Using the Deployment Image Servicing and Management (DISM) tool to manage device drivers
- ☐ f. Configuring device driver settings in the Services console

The correct answers are:

Using the Deployment Image Servicing and Management (DISM) tool to manage device drivers,

Using the Device Manager to update, disable, or uninstall device drivers

Question 32

Not answered

Marked out of 2.00

Which of the following items describes the function of an inverter module used in a laptop?

- ☐ a. Converts AC to DC for the backlight
- ☐ b. Supplies AC to the LED panel
- ☐ c. Converts DC to AC for the backlight
- ☐ d. Supplies DC to the backlight

The correct answer is:

Converts DC to AC for the backlight

Question 33

Not answered

Marked out of 2.00

Which iOS architecture pattern is recommended by Apple?

- ☐ a. Model-View-Controller (MVC)
- ☐ b. Model-View-Presenter (MVP)
- ☐ c. Model-View-ViewModel (MVVM)
- ☐ d. Model-View-Controller-ViewModel (MVCVM)

The correct answer is:

Model-View-ViewModel (MVVM)

Question 34

Not answered

Marked out of 2.00

Which of the following is a tool used for backing up and restoring files and folders in both Windows 10 and Windows 11?

- ☐ a. System Restore
- ☐ b. Windows Backup and Restore
- ☐ c. OneDrive
- ☐ d. File History

The correct answer is:

File History

Question 35

Not answered

Marked out of 2.00

How do you create a symbolic link in Linux? What is the difference between a symbolic link and a hard link?

- ☐ a. In -s source_file target_file; A hard link shares the same inode with the original file, while a symbolic link is a separate file that points to the original file.
- ☐ b. In -S source_file target_file; A hard link shares the same inode with the original file, while a symbolic link is a separate file that points to the original file.
- ☐ c. In -S source_file target_file; A hard link is a separate file that points to the original file, while a symbolic link is a separate file that points to the original file.
- ☐ d. In -s source_file target_file; A hard link is a separate file that points to the original file, while a symbolic link shares the same inode with the original file.

The correct answer is:

In -s source_file target_file; A hard link shares the same inode with the original file, while a symbolic link is a separate file that points to the original file.

Question 36

Not answered

Marked out of 2.00

When installing additional RAM for a laptop, which of the following would MOST likely be used?

- ☐ a. DIMM
- ☐ b. PCMCIA
- ☐ c. PC card
- ☐ d. SODIMM

The correct answer is:

SODIMM

Question 37

Not answered

Marked out of 2.00

A technician has been asked to determine why a user's print jobs to a particular printer always seem to be delayed compared to other user's submitted jobs. The user states that the jobs print without error, but always seems to be the last jobs to complete at the heavily used shared printer. Which of the following should the technician perform?

- ☐ a. Adjust the print spooler settings
- ☐ b. Update the printer's firmware
- ☐ c. Change the user's IP settings
- ☐ d. Reload the user's print drivers

The correct answer is:

Adjust the print spooler settings

Question 38

Not answered

Marked out of 2.00

Which of the following precautions should be followed when replacing RAM in a laptop computer? Choose TWO.

- ☐ a. Follow ESD procedures
- ☐ b. Remove CD-ROM drive
- ☐ c. Remove all power
- ☐ d. Check for liquid contamination
- ☐ e. Remove CMOS battery

The correct answers are:

Follow ESD procedures,

Remove all power

Question 39

Not answered

Marked out of 2.00

During which steps will a DHCP-enabled client PC use broadcast messages when communicating with a DHCP server? Choose TWO.

- ☐ a. DHCP OFFER
- ☐ b. DHCP DISCOVER
- ☐ c. DHCP REQUEST
- ☐ d. DHCP ACK

The correct answers are:

DHCP DISCOVER,

DHCP REQUEST

Question 40

Not answered

Marked out of 2.00

How do you find all files on a Linux system modified within the last 24 hours?

- ☐ a. `find / -type f -mtime +1`
- ☐ b. `find / -type f -mtime 0`
- ☐ c. `find / -type f -mtime 1`
- ☐ d. `find / -type f -mtime -1`

The correct answer is:

`find / -type f -mtime -1`

Question 41

Not answered

Marked out of 2.00

What is the Android version named after a dessert that is also a trademarked brand?

- ☐ a. Nougat
- ☐ b. Jelly Bean
- ☐ c. Oreo
- ☐ d. KitKat

The correct answer is:

KitKat

Question 42

Not answered

Marked out of 2.00

Which of the following network devices uses NAT to convert private IP addresses into public IP addresses?

- ☐ a. Bridge
- ☐ b. NAS
- ☐ c. Firewall
- ☐ d. Hub

The correct answer is:

Firewall

Question 43

Not answered

Marked out of 2.00

Which of the following technologies has the SHORTEST wireless range for printing?

- ☐ a. Bluetooth
- ☐ b. 802.11a
- ☐ c. 802.11g
- ☐ d. Infrared

The correct answer is:

Infrared

Question 44

Not answered

Marked out of 2.00

Which of the following is a built-in Windows 10 tool for managing startup programs and services?

- ☐ a. Resource Monitor
- ☐ b. Task Manager
- ☐ c. System Configuration (msconfig)
- ☐ d. Event Viewer

The correct answer is:

System Configuration (msconfig)

Question 45

Not answered

Marked out of 2.00

What kind of processes do nohup and disown create?

- ☐ a. Daemon-behaving processes
- ☐ b. Network processes
- ☐ c. Daemon processes
- ☐ d. Kernel processes

The correct answer is:

Daemon-behaving processes

Question 46

Not answered

Marked out of 2.00

Which of the following commands can be used to search for files that have been modified within the last 24 hours in the current directory and its subdirectories?

- ☐ a. `find . -type f -mtime -1`
- ☐ b. `find . -type f -mtime -1`
- ☐ c. `find . -type f -mtime 0`
- ☐ d. `find . -type f -mtime 1`

The correct answer is:

`find . -type f -mtime -1`

Question 47

Not answered

Marked out of 2.00

Which component of Android is responsible for managing app-level interactions with other apps or the system?

- ☐ a. Service Manager
- ☐ b. Activity Manager
- ☐ c. Content Provider
- ☐ d. Broadcast Receiver

The correct answer is:

Broadcast Receiver

Question 48

Not answered

Marked out of 2.00

What is the programming language used for developing Android apps?

- ☐ a. C++
- ☐ b. Java
- ☐ c. Python
- ☐ d. All of the above

The correct answer is:

Java

Question 49

Not answered

Marked out of 2.00

What is the maximum size limit for an iOS app submitted to the App Store?

- ☐ a. 500 KB
- ☐ b. 100 MB
- ☐ c. 10 GB
- ☐ d. 2 GB

The correct answer is:

2 GB

Question 50

Not answered

Marked out of 2.00

You have replaced inetd with xinetd. What must be done after installing to ensure that your machine will work correctly?

- ☐ a. You must run xinetd-configure first.
- ☐ b. You must create a new configuration file for xinetd.
- ☐ c. You must add a symbolic link from inetd.conf to xinetd.conf.
- ☐ d. You don't have to do anything because they are compatible.

The correct answer is:

You must create a new configuration file for xinetd.