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Grade 0.00 out of 100.00

Question 1

Not answered

Marked out of 2.00

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

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

The correct answer is:

Xcode

Question 2

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

The correct answer is:

Broadcast Receiver

Question 3

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 4

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

The correct answer is:

Adjust the print spooler settings

Question 5

Not answered

Marked out of 2.00

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

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

The correct answer is:

XML

Question 6

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

The correct answer is:

File History

Question 7

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

The correct answer is:

Top of the CPU

Question 8

Not answered

Marked out of 2.00

Which RAID level does not use data mirroring?

- ☐ a. RAID5
- ☐ b. RAID0
- ☐ c. RAID10
- ☐ d. RAID1

The correct answer is:

RAID0

Question 9

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

The correct answer is:

`find . -type f -mtime -1`

Question 10

Not answered

Marked out of 2.00

A laptop running a Windows operating system has a key that is supposed to launch Internet Explorer, but is not functioning. Which of the following will resolve this?

- ☐ a. Installing Hotkey drivers from a manufacturer's website
- ☐ b. Installing AHCI drivers from a manufacturer's website
- ☐ c. Installing ACPI drivers from a manufacturer's website
- ☐ d. Installing Bluetooth drivers from a manufacturer's website

The correct answer is:

Installing Hotkey drivers from a manufacturer's website

Question 11

Not answered

Marked out of 2.00

Which of the following is the minimum amount of RAM required for installing a 64-bit version of Windows 10?

- ☐ a. 8 GB
- ☐ b. 2 GB
- ☐ c. 1 GB
- ☐ d. 4 GB

The correct answer is:

2 GB

Question 12

Not answered

Marked out of 2.00

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

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

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 13

Not answered

Marked out of 2.00

You have just set up the Gnome Display Manager as your default display manager. What file should you edit to change the default greeting for it?

- ☐ a. /etc/X11/XF86Config
- ☐ b. /etc/X11/gdm/Init/Default
- ☐ c. /etc/X11/gdm.conf
- ☐ d. /etc/X11/prefdm

The correct answer is:

/etc/X11/gdm/Init/Default

Question 14

Not answered

Marked out of 2.00

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

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

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 15

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

The correct answer is:

`find / -type f -mtime -1`

Question 16

Not answered

Marked out of 2.00

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

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

The correct answer is:

The actual app.

Question 17

Not answered

Marked out of 2.00

Gigel, a user, reports that his laptop display is very faint and hard to read. Which of the following is the MOST likely cause?

- ☐ a. The display screen has been damaged.
- ☐ b. The backlight has failed.
- ☐ c. The inverter is bad.
- ☐ d. The video card is failing.

The correct answer is:

The backlight has failed.

Question 18

Not answered

Marked out of 2.00

You've decided to convert from standard shadow passwords to MD5 passwords. You make the appropriate changes to the `/etc/pam.d/` files. What do you do next?

- ☐ a. Nothing, users will be automatically prompted to change their passwords at the next login.
- ☐ b. You need to manually change all the passwords using the `passwd` program.
- ☐ c. Delete and recreate all the users.
- ☐ d. Change the `/etc/pam.d` files back because shadow passwords and MD5 passwords are incompatible.
- ☐ e. Nothing, the passwords will be changed as users login and out.

The correct answer is:

You need to manually change all the passwords using the `passwd` program.

Question 19

Not answered

Marked out of 2.00

Which of the following is a feature in Windows 10 that allows users to create virtual desktops?

- ☐ a. Control Panel
- ☐ b. Resource Monitor
- ☐ c. Task View
- ☐ d. System Configuration

The correct answer is:

Task View

Question 20

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

The correct answer is:

System Configuration (msconfig)

Question 21

Not answered

Marked out of 2.00

Which of these is not a good practice for prolonging the lifespan of a SSD disk? Choose TWO.

- ☐ a. Use defragmenting
- ☐ b. Disable swapping
- ☐ c. Move caches to a RAM disk
- ☐ d. Use the hibernate mode often on your computer

The correct answers are:

Use defragmenting,

Use the hibernate mode often on your computer

Question 22

Not answered

Marked out of 2.00

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

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

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 23

Not answered

Marked out of 2.00

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

- ☐ a. Modifying the firewall rules in the Windows registry
- ☐ b. Using the netsh command-line tool to configure firewall settings
- ☐ 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 24

Not answered

Marked out of 2.00

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

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

The correct answers are:

Swift,

Objective-C

Question 25

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 26

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

The correct answer is:

getent

Question 27

Not answered

Marked out of 2.00

Which of the following tools can be used to configure Windows 10 network adapters? Windows Firewall with Advanced Security

- ☐ a. Device Manager
- ☐ b. Performance Monitor
- ☐ c. Computer Management console
- ☐ d. Windows Firewall with Advanced Security
- ☐ e. Network and Sharing Center

The correct answer is:

Device Manager

Question 28

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. Oreo
- ☐ c. KitKat
- ☐ d. Jelly Bean

The correct answer is:

KitKat

Question 29

Not answered

Marked out of 2.00

What is the programming language used for developing Android apps?

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

The correct answer is:

Java

Question 30

Not answered

Marked out of 2.00

Which of the following is NOT a valid way to configure Windows 10 security settings?

- ☐ a. Windows Firewall with Advanced Security
- ☐ b. Registry Editor
- ☐ c. Windows Security app
- ☐ d. Windows Defender
- ☐ e. Local Group Policy Editor

The correct answer is:

Registry Editor

Question 31

Not answered

Marked out of 2.00

What is the name of Microsoft's tool used for creating a bootable USB flash drive for installing Windows 10?

- ☐ a. Device Manager
- ☐ b. Media Creation Tool
- ☐ c. Disk Management
- ☐ d. Windows Deployment Services

The correct answer is:

Media Creation Tool

Question 32

Not answered

Marked out of 2.00

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

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

The correct answer is:

Hardware Abstraction Layer (HAL)

Question 33

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. Infrared
- ☐ d. 802.11g

The correct answer is:

Infrared

Question 34

Not answered

Marked out of 2.00

Which of the following is a valid way to configure Windows 10 User Account Control (UAC) settings?

- ☐ a. Windows Security > Device security > Core isolation details > Memory integrity
- ☐ b. Control Panel > Programs > Programs and Features > Turn Windows features on or off > User Account Control
- ☐ c. Computer Management > Local Users and Groups > Users > Properties > Security tab
- ☐ d. Control Panel > System and Security > Security and Maintenance > Change User Account Control settings
- ☐ e. Local Group Policy Editor > Computer Configuration > Administrative Templates > Windows Components > Credential User Interface

The correct answer is:

Control Panel > System and Security > Security and Maintenance > Change User Account Control settings

Question 35

Not answered

Marked out of 2.00

Which of the following are valid ways to configure Windows 10 boot options? Choose TWO.

- ☐ a. Changing the boot order in the BIOS/UEFI firmware
- ☐ b. Editing the boot.ini file in the Windows folder
- ☐ c. Using the System Configuration tool to configure startup options
- ☐ d. Using the Boot Configuration Data (BCD) Editor

The correct answers are:

Using the Boot Configuration Data (BCD) Editor,
Changing the boot order in the BIOS/UEFI firmware

Question 36

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 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.
- ☐ b. 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.
- ☐ c. It is a script that automatically mounts file systems at boot time; You use the systemctl command to start the fstab service.
- ☐ d. 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.

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 37

Not answered

Marked out of 2.00

Which of the following is false?

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

The correct answer is:

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

Question 38

Not answered

Marked out of 2.00

Which of the following laptop accessories would MOST likely be used to support multiple displays when the laptop hardware does not have multiple video outputs?

- ☐ a. PCMCIA card
- ☐ b. Adjustable monitor arm
- ☐ c. VGA to DVI converter
- ☐ d. Docking station

The correct answer is:

Docking station

Question 39

Not answered

Marked out of 2.00

Which iOS architecture pattern is recommended by Apple?

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

The correct answer is:

Model-View-ViewModel (MVVM)

Question 40

Not answered

Marked out of 2.00

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

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

The correct answer is:

2 GB

Question 41

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

The correct answers are:

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

Direct memory access (DMA) protection must be enabled

Question 42

Not answered

Marked out of 2.00

Which file format is used for storing iOS app icons?

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

The correct answer is:

.png

Question 43

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

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 44

Not answered

Marked out of 2.00

When working with modules or drivers, the user can load a new kernel module using which utility/utilities? Choose TWO.

- ☐ a. insmod
- ☐ b. lsmod
- ☐ c. rmmod
- ☐ d. modprobe

The correct answers are:

insmod,

modprobe

Question 45

Not answered

Marked out of 2.00

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

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

The correct answer is:

Laser

Question 46

Not answered

Marked out of 2.00

A technician needs to replace an internal component on a laptop. Which of the following would be an important step to perform BEFORE replacing the component?

- ☐ a. Remove the display and all attached wiring from the base
- ☐ b. Remove all screws from the bottom of the case
- ☐ c. Review manufacturer's documentation for disassembly procedures
- ☐ d. Ensure that the battery has a full charge

The correct answer is:

Review manufacturer's documentation for disassembly procedures

Question 47

Not answered

Marked out of 2.00

What is Android Debug Bridge (ADB)?

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

The correct answer is:

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

Question 48

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

The correct answer is:

Check Disk (chkdsk)

Question 49

Not answered

Marked out of 2.00

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

- ☐ a. The "cron" 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 "init" 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 50

Not answered

Marked out of 2.00

What is an APK in Android?

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

The correct answer is:

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