

CompTIA A+ Certification Practice Test 19 (Exam 220-901)

▶ Which of the following acronyms refers to a series of basic hardware diagnostic tests performed by the startup BIOS after the computer is powered on?

☐ ☐ ☐ EIDE

☐ ☐ ☐ POTS

☐ ☐ ☐ ACPI

☐ ☒ ☐ POST (✗ Missed)

🚫 Your answer to this question is incorrect.

▶ A POST card:

☐ ☒ ☐ Is used for troubleshooting computer startup problems (✗ Missed)

☐ ☐ ☐ Terminates the SCSI chain

☐ ☐ ☐ Allows for testing connector pins on the NIC port

☐ ☐ ☐ Is used in biometric authentication

🚫 Your answer to this question is incorrect.

▶ Which of the POST beep codes would be an indicator of RAM failure?

☐ ☐ ☐ One long, two short beeps

☐ ☒ ☐ Long continuous beep tone (✗ Missed)

☐ ☐ ☐ One short beep

☐ ☐ ☐ Steady, short beeps

🚫 Your answer to this question is incorrect.

▶ Which of the following POST beep codes indicates video adapter card failure?

☐ ☐ ☐ Single, short beep

☐ ☐ ☐ Long continuous beep tone

☐ ☐ ☐ Steady, short beeps

☐ ☒ ☐ One long, two short beeps (✗ Missed)


🚫 Your answer to this question is incorrect.


▶ Which of the following answers lists a common solution for random time and date resets in Windows?

☐ ☐ ☐ Windows Update

☐ ☐ ☐ Primary storage module replacement

☐ ☐ ☐ Safe mode troubleshooting

☐ ☒  CMOS battery replacement (✖ Missed)


 Your answer to this question is incorrect.

▶ Which of the following could be of help in troubleshooting the "Invalid boot disk" error message? (Select all that apply)


☐ ☒  Disconnecting USB thumb drive (✖ Missed)

☐ ☐ ☐ Safe mode troubleshooting

☐ ☒  Checking BIOS settings for boot order (✖ Missed)

☐ ☒  Removing floppy disk from the Floppy Disk Drive (FDD) (✖ Missed)

☐ ☐ ☐ Administrative Tools

 Your answer to this question is incorrect.


▶ Possible causes of continuous system reboot loops include:


☐ ☐ ☐ Overheating

☐ ☐ ☐ Hardware failure


☐ ☐ ☐ Corrupted OS installation

☐ ☐ ☐ Misconfigured OS


☐ ☒  All of the above (✖ Missed)

 Your answer to this question is incorrect.

▶ Continuous reboots of a Windows host upon encountering a persistent stop error might be caused by Startup and Recovery configuration settings in the Control Panel System applet (System -> Advanced system settings -> Advanced -> Startup and Recovery -> Settings... -> System failure).

☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


▶ A feature that can be found in some types of PC Power Supply Units (PSUs) that allows the PSU to automatically adapt to the AC voltage supplied from the power socket is called:

☐ ☐ ☐ Fixed-input

☐ ☐ ☐ Inverter

☐ ☒  Auto-switching (✖ Missed)


☐ ☐ ☐ Hot plugging

 Your answer to this question is incorrect.

▶ Common fixes for PC components not getting enough power include disconnecting all extraneous peripheral devices that might be putting too much load on the Power Supply Unit (PSU), reseating the PSU cable connectors inside the computer case if necessary, and applying the PSU tester to check if the power supply is working properly.

☐ ☒  True (✖ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


► Excessive dust buildup inside the computer case might be the cause of:


☐ ☐ ☐ Overheating

☐ ☐ ☐ Unexpected shutdowns

☐ ☐ ☐ Intermittent device failure

☐ ☐ ☐ Continuous reboots


☐ ☒  All of the above (✖ Missed)

 Your answer to this question is incorrect.

► Which of the PC components listed below would be the most probable source of problems when the issue symptoms on a failing system include loud noise from the inside of the computer case? (Select 3 answers)


☐ ☐ ☐ RAM modules


☐ ☒  Magnetic Hard Disk Drive (HDD) (✖ Missed)

☐ ☒  Cooling fans (✖ Missed)


☐ ☐ ☐ Solid-State Drive (SDD)

☐ ☐ ☐ Analog modem


☐ ☒  Power Supply Unit (PSU) (✖ Missed)

 Your answer to this question is incorrect.

► Which of the CPU connectors on the motherboard should be checked/reseated in order to ensure that the CPU is receiving power? (Select all that apply)


☐ ☒  4/8-pin 12v (✖ Missed)

☐ ☐ ☐ T568B


☐ ☒  P4 connector (✖ Missed)

☐ ☐ ☐ PCIe 6/8-pin


☐ ☐ ☐ T568A

 Your answer to this question is incorrect.

► The Blue Screen of Death (BSoD) in MS Windows provides technical information that might be of help for advanced users in solving the problem that caused the stop error. The information displayed on the screen when Windows encounters this type of error typically includes error code, memory address where it occurred, and the name of the driver that caused it.

☐ ☒  True (✖ Missed)


☐ ☐ ☐ False

 Your answer to this question is incorrect.


► "Pinwheel" is an informal term used for describing stop errors in:

☐ ☐ ☐ Android


☐ ☐ ☐ Linux

☐ ☒  Mac OS (✖ Missed)

☐ ☐ ☐ Windows

 Your answer to this question is incorrect.


► Which of the following actions would solve the problem of leaking/burst/bulged capacitors inside the computer case? (Select 2 answers)


☐ ☒  Motherboard replacement (✖ Missed)

☐ ☐ ☐ Central Processing Unit (CPU) replacement

☐ ☐ ☐ Memory module replacement

☐ ☐ ☐ Power Supply Unit (PSU) replacement

☐ ☒  Capacitor replacement (✖ Missed)


 Your answer to this question is incorrect.

► Which of the tools listed below can be used to isolate a failing hardware component inside the PC case? (Select all that apply)

☐ ☒  POST card (✖ Missed)


☐ ☒  Loopback plug (✖ Missed)


☐ ☐ ☐ Tone probe

☐ ☒  PSU tester (✖ Missed)

☐ ☐ ☐ Maintenance kit


☐ ☐ ☐ Tone generator

☐ ☒  Multimeter (✖ Missed)


 Your answer to this question is incorrect.

► Which of the following could cause slow performance of a hard drive? (Select 2 answers)


☐ ☐ ☐ Disk striping

☐ ☒  File fragmentation (✖ Missed)

☐ ☐ ☐ Disk mirroring

☐ ☒  Insufficient amount of RAM (✖ Missed)

☐ ☐ ☐ Disk duplexing

 Your answer to this question is incorrect.

► An actuator arm assembly failure manifested by loud clicking noise emitted from the inside of the computer case is a problem symptom that should prompt for:


☐ ☒  Data backup and hard drive replacement (✖ Missed)

☐ ☐ ☐ Replacement of a faulty cooling fan


☐ ☐ ☐ Central Processing Unit (CPU) replacement

☐ ☐ ☐ Data backup and replacement of a faulty primary storage module

☐ ☐ ☐ Power Supply Unit (PSU) replacement

 Your answer to this question is incorrect.


► Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.) allows for monitoring system for anticipated:

☐ ☒  HDD failures (☒ Missed)


☐ ☐ ☐ Network interface problems

☐ ☐ ☐ Video adapter failures


☐ ☐ ☐ Power spikes

 Your answer to this question is incorrect.

► Replacing a faulty mechanical component of a magnetic drive requires specialized environment and diagnostic tools.


☐ ☒  True (☒ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


► The /R switch of the CHKDSK utility: (Select all that apply)


☐ ☐ ☐ Displays cleanup messages

☐ ☒  Locates bad sectors and recovers readable information (☒ Missed)

☐ ☐ ☐ Uses more system resource to perform a scan as fast as possible

☐ ☐ ☐ Displays the full path and name of every file on the disk

☐ ☒  Fixes errors on the disk (☒ Missed)

 Your answer to this question is incorrect.


► For a newly added hard drive, this command allows to configure the drive with a file system so that Windows can store information on the disk.

☐ ☒  FORMAT (☒ Missed)

☐ ☐ ☐ NBTSTAT

☐ ☐ ☐ MSTs

☐ ☐ ☐ DEFRAG

 Your answer to this question is incorrect.


► Windows Recovery Environment (WinRE) offers a set of tools and utilities to troubleshoot Windows startup issues. Which of the command-line commands launches a tool for manual troubleshooting of problems related to master boot record (MBR), boot sector, and Boot Configuration Data (BCD) store in Windows RE Command Prompt?

☐ ☐ ☐ DISKPART

☐ ☒  BOOTREC.EXE (☒ Missed)

☐ ☐ ☐ CHKDSK

☐ ☐ ☐ FIXBOOT

 Your answer to this question is incorrect.

► Which of the following commands in MS Windows launches a command-line partitioning utility?

☐ ☐ ☐ REGSVR32

☐ ☐ ☐ CHKDSK

☐ ☐ ☐ DEFRAG

☐ ☒ ☐ DISKPART (✖ Missed)

❏ Your answer to this question is incorrect.

Your Final Report

Total marks	36
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

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