- C. SR0FS
- D. ISO8859
- E. ROM-EO

Correct Answer: B

## **QUESTION 61**

What is the purpose of the smartd daemon?

- A. It is a user space daemon used for reading smart cards and integrated circuit chips.
- B. It attempts to automatically repair file systems upon a failed file system check.
- C. It monitors process activity and helps the kernel decide which processes to kill when the kernel overcommits.
- D. It monitors certain disk drives and attempts to predict when they will fail.

## Correct Answer: D

# QUESTION 62

CORRECT TEXT What keyword is missing in the following line from /etc/fstab in order to make a USB flash device writeable by the user fred when mounted:

/dev/sda1 /mnt/usbflash vfat defaults,users,\_\_\_\_\_=fred,umask=022, 0 0

(Provide the option name only without any settings)

Correct Answer: uid

# **QUESTION 63**

CORRECT TEXT Which directory in /dev/disk/ can be used to determine the UUID of a connected hard disk?

Correct Answer: /dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

### **QUESTION 64**

What component of a system does smartd monitor?

- A. CPU
- B. RAM
- C. Hard drives
- D. Ethernet traffic

### Correct Answer: C

# QUESTION 65

CORRECT TEXT Which command is used to create a ISO9660 filesystem? (Specify ONLY the command without any path or parameters.)

Correct Answer: mkisofs, genisoimage

**QUESTION 66** CORRECT TEXT Consider the following /etc/fstab file:

/dev/hda1 swap swap defaults 0 0

/dev/hda2 / ext2 defaults 1 1

/dev/hda3 /home ext2 defaults 1 2

none /proc proc defaults 0 0

/dev/sdb1 /media/usb0 vfat user,noauto 0 0

What is one of the possible commands that an ordinary (non-root) user can use to mount the /dev/sdb1 partition on the /media/usb0 mount point? (Please enter the command with all parameters and/or options but without any file system type options.)

**Correct Answer:** mount /dev/sdb1, mount /media/usb0, /bin/mount /dev/sdb1, /bin/mount /media/usb0, mount /media/usb0/, /bin/mount /media/usb0/

# **QUESTION 67**

What is the main template file used by autofs?

- A. default.maps
- B. auto.conf
- C. auto.master
- D. autofs.master

Correct Answer: C

### **QUESTION 68**

CORRECT TEXT

After a lot of write operations, the administrator want to ensure that the kernel flushes the file system buffers to disk. Which command will accomplish this? (Specify ONLY the command without any path or parameters.)

Correct Answer: sync

### **QUESTION 69**

Due to extreme system use, a Linux system requires some additional swap space. To initialize 5GB of additional swap space, which combination of commands should be used?

- A. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; mount /tmp/swapfile
- B. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; swapon /tmp/swapfile

- C. dd if=/dev/zero of=/tmp/swapfile bs=1024 count=5120000; mkswap /tmp/swapfile; swapon /tmp/swapfile
- D. touch -5G /tmp/swapfile; swapon /tmp/swapfile
- E. mkswap /tmp/swapfile 512000; swapon /tmp/swapfile

## Correct Answer: C

## **QUESTION 70**

Which files are updated as devices are mounted and unmounted to provide information on the currently mounted devices and the options used? (Choose TWO correct answers.)

- A. /proc/dtab
- B. /etc/mtab
- C. /etc/fstab
- D. /proc/mounts
- E. /proc/devices

Correct Answer: BD

# QUESTION 71

CORRECT TEXT What keyword is missing in the following line from /etc/fstab in order to make a USB flash device writeable by the user fred when mounted:

/dev/sda1 /mnt/usbflash vfat defaults,users,\_\_\_\_\_=fred,umask=022, 0 0

(Provide the option name only without any settings)

### Correct Answer: uid

QUESTION 72

CORRECT TEXT

Which directory in /dev/disk/ can be used to determine the UUID of a connected hard disk?

Correct Answer: /dev/disk/by-uuid, by-uuid, /dev/disk/by-uuid/

### **QUESTION 73**

What is the minimum number of disks required in a fully redundant RAID5 array?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

### Correct Answer: C

### **QUESTION 74**

What command is used to make an exact copy, at a single point in time, of a logical volume for

backup purposes?

- A. lvsnap
- B. lvsnapshot
- C. lvcreate
- D. lvcopy
- E. lvclone

### Correct Answer: C

### **QUESTION 75**

What component of a system does smartd monitor?

- A. CPU
- B. RAM
- C. Hard drives
- D. Ethernet traffic

## Correct Answer: C

#### **QUESTION 76**

A system has one hard disk and one CD writer which are both connected to SATA controllers. Which device represents the CD writer?

- A. /dev/hdb
- B. /dev/sdd
- C. /dev/scd1
- D. /dev/sr0
- E. /dev/sr1

Correct Answer: D

### **QUESTION 77**

Which of the following is an example path to a Linux software RAID array?

- A. /dev/raid0
- B. /dev/rd1
- C. /dev/pr0
- D. /dev/md1

Correct Answer: D

### **QUESTION 78**

CORRECT TEXT What command will remove a physical volume from a volume group? (Specify ONLY the command without any path or parameters.)

Correct Answer: vgreduce, /sbin/vgreduce

## **QUESTION 79**

The IDE hard drive /dev/hda does not have DMA enabled. Which command must be run to enable DMA on it?

- A. hdparm -d /dev/hda
- B. hdparm --dma /dev/hda
- C. hdparm --dma /dev/hda1
- D. hdparm -d /dev/hda1
- E. hdparm -d 1 /dev/hda

## Correct Answer: E

### **QUESTION 80**

Which single command will simulate a failed device within a RAID 5 array?

- A. mdadm --remove /dev/md0 /dev/sdd1
- B. mdadm --zero-superblock /dev/sdf3
- C. mdadm --force-fault /dev/md2 /dev/sde2
- D. mdadm --fail /dev/md0 /dev/sdc1
- E. mdadm /dev/md0 --offline /dev/sdc1

### Correct Answer: D

### **QUESTION 81**

What is the purpose of the command vgextend?

- A. Extend a volume group's footprint on disk.
- B. Add physical volumes to an existing volume group.
- C. Increase the number of days between scheduled error checking.
- D. Create a volume group which uses all available space on disk.

### Correct Answer: B

### **QUESTION 82**

Which of the following is a CD-ROM filesystem standard?

- A. OSI9660
- B. ISO9660
- C. SR0FS
- D. ISO8859
- E. ROM-EO

### Correct Answer: B

### **QUESTION 83**

The main configuration file for autofs has this entry:

/home /etc/auto.home

What is the meaning of the /etc/auto.home file?