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The Power of Knowing



Exam : 310-876

Title : Level 2 Field Engineer Examination

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**QUESTION 1:**

What does a CacheFS file system improve?

- A. monitor display performance
- B. NFS filesystem performance
- C. the network backbone
- D. SCSI throughput rates

Answer: B

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**QUESTION 2:**

Which is a feature of RAID 0 (Concatenation)?

- A. striping with dedicated parity
- B. no data redundancy, loss of any single disk will cause data loss
- C. striping with distributed parity
- D. fully Redundant copy of data on one or more disks

Answer: B

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**QUESTION 3:**

Which is NOT a primary task of OpenBoot firmware?

- A. testing and initializing the system hardware
- B. verifying a stable network connection
- C. providing interactive debugging facilities for testing hardware and software
- D. booting the operating system from either a mass storage device or from a network

Answer: B

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**QUESTION 4:**

Which command at the OpenBoot PROM (OBP) command line will rerun Power On Self Test (POST)?

- A. post-flag
- B. use-nvramrc
- C. reset
- D. diag-device

Answer: C

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**QUESTION 5:**

What OpenBoot PROM (OBP) command will allow you to change your default boot device?

- A. boot disk1
- B. devalias disk
- C. setenv boot-device
- D. printenv boot-device

Answer: C

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**QUESTION 6:**

Which statements are true regarding Diskless client and AutoClient? (Choose two.)

- A. A diskless client contains permanent data on the local disk.
- B. An AutoClient contains permanent data on the local disk.
- C. A diskless client does not have local root.
- D. An AutoClient uses local disk for swapping and caching.

Answer: C,D

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**QUESTION 7:**

What command is used to create a disk group?

- A. vxdisk -g
- B. vxdiskgroup
- C. vxdg
- D. vxinit -g

Answer: C

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**QUESTION 8:**

The following centerplane numbering schemes represents which Sun Enterprise server model?

Slot Unit

8 16,17

10 20,21

12 24,25

14 28,29

- A. Enterprise 3500
- B. Enterprise 4x00

- C. Enterprise 10000
- D. Enterprise 6x00

Answer: D

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**QUESTION 9:**

How many Gigaplane slots are there on the Sun Enterprise 3500 Server chassis?

- A. 5
- B. 10
- C. 8
- D. 16

Answer: A

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**QUESTION 10:**

Which description best describes the following OpenBoot PROM (OBP) test command?  
test-all [device-specifier]

- A. Tests the specified device. The NVRAM diag-switch? Parameter and the front panel keyswitch control the verbosity and depth of the test command.
- B. Monitors all network connections of built-in and plugged-in networking cards.
- C. Identifies devices attached to the primary SCSI bus.
- D. Tests all devices that have built-in self test methods.

Answer: D

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**QUESTION 11:**

What is a hot spare disk?

- A. an assigned spare that automatically replaces a failed disk drive
- B. an assigned disk for backup of volumes
- C. an assigned spare for growth of volume size
- D. an assigned disk that is not under Sun StorEdge Volume Manager (SSVM) control

Answer: A

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**QUESTION 12:**

Which is required to interact with the OpenBoot PROM (OBP) and Power On Self Test (POST) programs?

- A. Network connection
- B. ASCII terminal
- C. Solaris 7
- D. Modem cable

Answer: B

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**QUESTION 13:**

What is the Minimum local disk space required for a diskless client workstation configuration?

- A. 0 Mbytes
- B. 100 Mbytes
- C. 1024 Mbytes
- D. 55 Mbytes

Answer: A

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**QUESTION 14:**

Which command will perform optimized resync when bringing the offline sub-mirror online?

- A. metamirror -online
- B. metattach
- C. metaonline
- D. metattach -resync

Answer: C

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**QUESTION 15:**

Which is NOT required by an AutoClient workstation?

- A. /usr
- B. swap
- C. root (/)
- D. /opt

Answer: D

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**QUESTION 16:**

Which is included in A5000 enclosure diagnostics?

- A. SunVTS
- B. POST of FC-100 Host Adapter
- C. POST run by IB processor
- D. SyMON

Answer: C

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**QUESTION 17:**

What should the system administrator do when preparing the system for an operating system upgrade?

- A. Warn users using an all system broadcast, gather system data, and begin the upgrade process.
- B. Shutdown the system, gather system data, and begin the upgrade process.
- C. Shutdown the system, gather system data, warn users, and begin the upgrade process.
- D. Warn users using an all system broadcast, backup data, and begin the upgrade process.

Answer: D

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**QUESTION 18:**

How is a volume resized using Volume Manager Storage Administrator (VMSA)?

- A. select "Volume" -> "properties"
- B. select customization from Tool bar
- C. add subdisk to the volume
- D. select "Volume" -> "Resize"

Answer: D

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**QUESTION 19:**

How many hot-pluggable GBIC modules come with the Sun Enterprise 3500 Fibre Channel Interface Board?

- A. 8
- B. 4
- C. 2
- D. 16

Answer: C

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**QUESTION 20:**

What is the purpose of the Boot Server field in the Host Manager interface?

- A. It is used to manage all name services on a network.
- B. It is typically used when configuring a JumpStart server.
- C. It is a predefined host selected as the Operating System (OS) server.
- D. It is used to manage all name services on a network.

Answer: B

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**QUESTION 21:**

Which type of modem requires a Data Carrier Detect signal?

- A. Mono-directional Modem
- B. Single-duplex Modem
- C. Bi-directional Modem
- D. Null Modem

Answer: C

---

**QUESTION 22:**

Which is a main advantage of a concatenated virtual file system?

- A. Each physical disk must be attached to a different system interface.
- B. The file system can be increased while it is mounted and in use.
- C. Data segments are written in parallel.
- D. The file system can utilize more disk space than is physically available.

Answer: B

---

**QUESTION 23:**

Identify the order of the system boot phases.

- 1. Boot PROM phase
- 2. The /sbin/init phase
- 3. Boot program phase
- 4. Kernel initialization phase

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

Answer: B

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**QUESTION 24:**

Which describes the Central Processing Unit (CPU) data path of a Sun Enterprise 250?

- A. 72 bits wide, 56 bits for data and 16 bits for ECC
- B. 72 bits wide, 64 bits for data and 8 bits for ECC
- C. 144 bits wide, 128 bits for data and 16 bits for ECC
- D. 144 bits wide, 112 bits for data and 32 bits for ECC

Answer: C

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**QUESTION 25:**

Which file stores the metadvice database definition?

- A. /etc/opt/SUNWmd/md.tab
- B. /var/opt/sUNWmd/md.tab
- C. /var/opt/SUNWmd/lib/md.tab
- D. /usr/opt/SUNWmd/md.tab

Answer: A

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**QUESTION 26:**

Which RAID level suffers the most write-performance degradation?

- A. RAID 1
- B. RAID 0
- C. RAID 3
- D. RAID 5

Answer: A

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**QUESTION 27:**

What is the Minimum amount of memory required to install Solaris 7?

- A. 10 Mbytes
- B. 256 Mbytes
- C. 64 Mbytes
- D. 128 Mbytes

Answer: C

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**QUESTION 28:**



The following centerplane numbering schemes represents which Sun Enterprise server model?

Slot Unit

8 16,17

10 20,21

12 24,25

14 28,29

A. Enterprise 10000

B. Enterprise 4x00

C. Enterprise 6x00

D. Enterprise 3500

Answer: C

---

**QUESTION 29:**

Which best describes the purpose of the Non-Volatile Random-Access Memory (NVRAM)?

A. Stores the variables that determine the startup routine of the system.

B. Determines the startup routine of the system.

C. Performs low-level hardware test diagnostics at system startup.

D. Restores the default setting of all parameters.

Answer: A

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**QUESTION 30:**

Which task should be performed first when updating the OpenBoot PROM (OBP)?

A. Abort the autoboot sequence by pressing Stop-a.

B. Enable the reprogramming on the flash PROM.

C. Turn the power on.

D. Boot from the flash PROM upgrade CD-ROM.

Answer: B

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**QUESTION 31:**

Which is the best description of authentication in Network Information Service Plus (NIS+) security?

A. It determines if the specified group objects belong in the requested group directory.

B. It determines if the requester is a valid user on the network.

C. It determines if the user is permitted to read or modify requested information.

D. It determines if the server is a replica or root master within the namespace.

Answer: B

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**QUESTION 32:**

If a system cannot boot or load UNIX, which would be the best course of action?

- A. check network connection at server/hub
- B. run SunVTS
- C. check system/clock board LEDs
- D. check power supplies

Answer: C

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**QUESTION 33:**

What is the size, in Mbytes, of the configuration cluster "End User System Support" (32-bit support)?

- A. 532 Mbytes
- B. 438 Mbytes
- C. 837 Mbytes
- D. 272 Mbytes

Answer: B

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**QUESTION 34:**

Which is NOT true regarding striped volumes?

- A. Each physical disk MUST attach to the same system I/O interface.
- B. The segment size (stripe size) can be adjusted to optimize performance.
- C. Striped Volumes result in performance improvement.
- D. Data segments can be written in parallel.

Answer: A

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**QUESTION 35:**

What is the size of the configuration cluster "Developer System Support" (64-bit support)?

- A. 532 Mbytes
- B. 837 Mbytes
- C. 438 Mbytes

D. 272 Mbytes

Answer: B

---

**QUESTION 36:**

What is the Minimum amount of memory required to install Solaris 7?

- A. 256 Mbytes
- B. 10 Mbytes
- C. 64 Mbytes
- D. 128 Mbytes

Answer: C

---

**QUESTION 37:**

Which is LEAST likely to be a resource used to solve a technical problem?

- A. Other functioning systems
- B. Man pages
- C. Job Task Analysis
- D. AnswerBook

Answer: C

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**QUESTION 38:**

Which RAID level has the WORST writing performance?

- A. RAID 3
- B. RAID 1
- C. RAID 5
- D. RAID 0

Answer: B

---

**QUESTION 39:**

On an Ultra 1, 2, 5, 10, 20, or 60, if an error occurs during post, the Type 5 or 6 keyboard will use the LEDs on the "Caps Lock", "Compose", "Scroll", and "Num Lock" key caps to display the error codes. Which one of the error codes means "No memory found"?  
CAPS LOCK COMPOSE SCROLL LOCK NUM LOCK

- A. OFF ON ON OFF
- B. ON ON ON ON

- C. OFF ON OFF ON
- D. ON OFF ON OFF

Answer: D

---

**QUESTION 40:**

What will the command "test net" perform?

- A. an ethernet interface internal/external loopback test
- B. an ethernet interface external loopback test
- C. an ethernet interface internal loopback test
- D. an ethernet network performance test

Answer: A

---

**QUESTION 41:**

Which pin is the first to make contact with the Gigaplane when inserting a hot pluggable system board?

- A. 5 volt
- B. -5 volt
- C. ground
- D. precharge

Answer: C

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**QUESTION 42:**

Which are considered RAM-based file systems supported by the Solaris 7 operating environment? (Choose two.)

- A. tmpfs
- B. nfs
- C. fdfs
- D. ufs

Answer: A,C

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**QUESTION 43:**

Which feature does Solstice DiskSuite provide? (Choose three.)

- A. Automatic data recovery
- B. Disk Mirroring

- C. DiskSet
- D. Disk Concatentation

Answer: B,C,D

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**QUESTION 44:**

What is the default stripe unit size in Sun StorEdge Volume Manager (SSVM)?

- A. 32 kb(64 sectors)
- B. 16 kb(32 sectors)
- C. 64 kb(128 sectors)
- D. 8 kb (16 sectors)

Answer: C

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**QUESTION 45:**

How does Solstice DiskSuite assemble large volumes from multiple disk drives?

- A. It forces the use of all available partitions and stripes across them.
- B. Disks are formatted into two slices and utilizes contiguous sectors.
- C. It uses standard partitioned disk slices that have been created using the format utility.
- D. It creates and joins virtual volumes that are larger than one physical disk.

Answer: C

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**QUESTION 46:**

Which is included in A5000 enclosure diagnostics?

- A. SyMON
- B. POST of FC-100 Host Adapter
- C. POST run by IB processor
- D. SunVTS

Answer: C

---

**QUESTION 47:**

What is the MAXIMUM disk enclosures that can be attached to an A5000 loop?

- A. 8
- B. 2
- C. 4
- D. 6

Answer: C

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**QUESTION 48:**

With no other information, you encounter the following partial Power On Self Test (POST) error message.

7,0>ERROR: TEST=Environmental Probe, SUBTEST=Environmental Probe ID=1f.1

7,0>Component under test: Board 7 System Interrupt

Which would be the best place to look first?

- A. SCSI controller
- B. Cooling fans
- C. CPU
- D. Memory

Answer: B

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**QUESTION 49:**

What command is used to create a disk group?

- A. vxdisk -g
- B. vxdiskgroup
- C. vxinit -g
- D. vxdg

Answer: D

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**QUESTION 50:**

The results of the Solaris installation can be found in which file?

- A. /var/sadm/pkg
- B. /var/sadm/softinfo
- C. /var/adm/messages
- D. /var/sadm/install\_data/install\_log

Answer: D

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**QUESTION 51:**

Which file stores the metadvice database definition?

- A. /var/opt/sUNWmd/md.tab
- B. /usr/opt/SUNWmd/md.tab

- C. /var/opt/SUNWmd/lib/md.tab
- D. /etc/opt/SUNWmd/md.tab

Answer: D

---

**QUESTION 52:**

Which type of modem requires a Data Carrier Detect signal?

- A. Bi-directional Modem
- B. Mono-directional Modem
- C. Single-duplex Modem
- D. Null Modem

Answer: A

---

**QUESTION 53:**

Which describes database replicas?

- A. Replicas must be placed in a separate disk, which can't store other data.
- B. Replicas can't be deleted manually; it must be done by the disksuite daemon.
- C. Replicas' information can't be read by using standard UNIX file system commands.
- D. Database replicas are an optional part of DiskSuite and not required.

Answer: C

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**QUESTION 54:**

What is the function of the Domain Name Service (DNS)?

- A. It is used within a TCP/IP network to translate host names to their associated IP addressed.
- B. It stores information about workstation names and addresses, users, the network itself, and network services.
- C. It makes network administration more manageable by providing centralized control over a variety of network information.
- D. It provides a forwarding service that forwards host lookups to NIS if the information cannot be found in a DNS map.

Answer: A

---

**QUESTION 55:**

Identify the three components of installation software.

- A. Packages, Software clusters, Configuration Clusters
- B. Patches, Packages, Software Clusters
- C. Software Clusters, Patches, Packages
- D. Configuration clusters, Patches, Software Clusters

Answer: A

---

**QUESTION 56:**

Identify the order of the system boot phases.

1. Boot PROM phase
2. The /sbin/init phase
3. Boot program phase
4. Kernel initialization phase

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

Answer: B

---

**QUESTION 57:**

Which of the following best describes the memory slot configuration of the Sun Enterprise 450 Main Logic Board?

- A. 4 banks of 4 DIMMs
- B. 4 banks of 8 DIMMs
- C. 2 banks of 8 DIMMs
- D. 2 banks of 4 DIMMs

Answer: A

---

**QUESTION 58:**

Which best describes the purpose of the Non-Volatile Random-Access Memory (NVRAM)?

- A. Determines the startup routine of the system.
- B. Stores the variables that determine the startup routine of the system.
- C. Performs low-level hardware test diagnostics at system startup.
- D. Restores the default setting of all parameters.

Answer: B



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**QUESTION 59:**

What is the MAXIMUM length attainable with a 50-micron fiber cable?

- A. 100m
- B. 100ft
- C. 50m
- D. 500m

Answer: D

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**QUESTION 60:**

Which describes the "sysidtool" tools of the Solaris 7 installation process ?

- A. a program used to configure the identity of the new system
- B. an upgrade option used to upgrade a system from an older release of Solaris 7
- C. a utility used to install a Solaris 7 standalone system
- D. a browser-based installation tool used to enable remote system installation

Answer: A

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**QUESTION 61:**

Once all five screws on a Central Processing Unit (CPU) module have been initially tightened in the correct sequence, what final torque tension is used to complete the installation?

- A. 2 inch-pounds
- B. 6 pounds-inch
- C. 8 pounds-inch
- D. 4 inch-pounds

Answer: B

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**QUESTION 62:**

Which is provided by the Volume Manager Storage Administrator (VMSA) software?

- A. HTTP server software for browser operation
- B. Hotjava Web browser
- C. Netscape Web browser
- D. Non-Java based administrator interface

Answer: A

---

**QUESTION 63:**

Which NOT tested by Power On Self Test (POST)?

- A. TOD
- B. Hard drive buses
- C. I/O ASICs
- D. System Power Supplies

Answer: A

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**QUESTION 64:**

Which command will perform optimized resync when bringing the offline sub-mirror online?

- A. metattach -resync
- B. metattach
- C. metaonline
- D. metamirror -online

Answer: C

---

**QUESTION 65:**

Which is NOT required by an AutoClient workstation?

- A. root (/)
- B. swap
- C. /opt
- D. /usr

Answer: C

---

**QUESTION 66:**

You want to add a system board to a system, but cannot bring the system down to add it. What tool will allow you to do this?

- A. emote System Control
- B. Solstice SyMON
- C. Sun Management Center
- D. Dynamic Reconfiguration

Answer: D

---

**QUESTION 67:**

Which RAID level provides redundancy by using the XOR algorithm?

- A. RAID 0
- B. RAID 0 + 1
- C. RAID 1
- D. RAID 5

Answer: D

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**QUESTION 68:**

Solstice Enterprise Volume Manager formats the disk into only two slices. By default, what are these two slices?

- A. slice 3 (private area) and slice 4 (public area)
- B. slice 6 (private area) and slice 7 (public area)
- C. slice 4 (private area) and slice 6 (public area)
- D. slice 3 (private area) and slice 7 (public area)

Answer: A

---

**QUESTION 69:**

With no other information, you encounter the following partial Power On Self Test (POST) error message.

7,0>ERROR: TEST=Environmental Probe, SUBTEST=Environmental Probe ID=1f.1

7,0>Component under test: Board 7 System Interrupt

Which would be the best place to look first?

- A. Memory
- B. Cooling fans
- C. SCSI controller
- D. CPU

Answer: B

---

**QUESTION 70:**

What is the default stripe unit size in Sun StorEdge Volume Manager (SSVM)?

- A. 8 kb (16 sectors)
- B. 16 kb(32 sectors)
- C. 32 kb(64 sectors)

D. 64 kb(128 sectors)

Answer: D

---

**QUESTION 71:**

Which task should be performed first when updating the OpenBoot PROM (OBP)?

- A. Turn the power on.
- B. Enable the reprogramming on the flash PROM.
- C. Boot from the flash PROM upgrade CD-ROM.
- D. Abort the autoboot sequence by pressing Stop-a.

Answer: B

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**QUESTION 72:**

Which statement describes RAID 0?

- A. concatenation only
- B. mirroring and striping
- C. striping only
- D. striping and concatenation

Answer: D

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**QUESTION 73:**

What is associated with a disk slice when mounting a file system?

- A. disk directory
- B. disk partition
- C. mount point
- D. device address

Answer: C

---

**QUESTION 74:**

On an Ultra 1, 2, 5, 10, 20, or 60, if an error occurs during post, the Type 5 or 6 keyboard will use the LEDs on the "Caps Lock", "Compose", "Scroll", and "Num Lock" key caps to display the error codes. Which one of the error codes means "CPU board failed"?  
CAPS LOCK COMPOSE SCROLL LOCK NUM LOCK

- A. ON OFF ON OFF
- B. ON ON ON ON

- C. OFF ON ON OFF
- D. OFF ON OFF ON

Answer: B

---

**QUESTION 75:**

You want to add a system board to a system, but cannot bring the system down to add it. What tool will allow you to do this?

- A. Sun Management Center
- B. Solstice SyMON
- C. Dynamic Reconfiguration
- D. emote System Control

Answer: C

---

**QUESTION 76:**

Which description best describes the following OpenBoot PROM (OBP) test command?  
test-all [device-specifier]

- A. Identifies devices attached to the primary SCSI bus.
- B. Tests all devices that have built-in self test methods.
- C. Monitors all network connections of built-in and plugged-in networking cards.
- D. Tests the specified device. The NVRAM diag-switch? Parameter and the front panel keyswitch control the verbosity and depth of the test command.

Answer: B

---

**QUESTION 77:**

Which menu in the Menu bar is used to customize the Volume Manager Storage Administrator (VMSA)?

- A. the Console menu
- B. the Options menu
- C. the Window menu
- D. the Task menu

Answer: B

---

**QUESTION 78:**

Which is provided by the Volume Manager Storage Administrator (VMSA) software?

- A. HTTP server software for browser operation
- B. Netscape Web browser
- C. Hotjava Web browser
- D. Non-Java based administrator interface

Answer: A

---

**QUESTION 79:**

Which is true about fiber channel disk drives?

- A. They have low speed and high capacity.
- B. They have high speed and low capacity.
- C. They are identified by a unique worldwide name.
- D. They have a SCSI interface.

Answer: C

---

**QUESTION 80:**

Which statements are true regarding Diskless client and AutoClient? (Choose two.)

- A. An AutoClient contains permanent data on the local disk.
- B. A diskless client does not have local root.
- C. An AutoClient uses local disk for swapping and caching.
- D. A diskless client contains permanent data on the local disk.

Answer: B,C

---

**QUESTION 81:**

What is associated with a disk slice when mounting a file system?

- A. mount point
- B. disk directory
- C. device address
- D. disk partition

Answer: A

---

**QUESTION 82:**

What is the maximum number of Central Processing Units (CPU) that can populate the Sun Enterprise 450 Main Logic Board?

- A. 4

- B. 8
- C. 1
- D. 2

Answer: A

---

**QUESTION 83:**

You want to use the disks from vol01 in a new vol04. Which command would you issue to free the disks from vol01?

- A. vxdisk remove vol01
- B. vxdisk delete vol01
- C. vxassist remove vol01
- D. vxassist -g vol01

Answer: C

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**QUESTION 84:**

What will the command "test net" perform?

- A. an ethernet interface internal loopback test
- B. an ethernet interface internal/external loopback test
- C. an ethernet interface external loopback test
- D. an ethernet network performance test

Answer: B

---

**QUESTION 85:**

Which describes the Central Processing Unit (CPU) data path of a Sun Enterprise 250?

- A. 144 bits wide, 128 bits for data and 16 bits for ECC
- B. 144 bits wide, 112 bits for data and 32 bits for ECC
- C. 72 bits wide, 64 bits for data and 8 bits for ECC
- D. 72 bits wide, 56 bits for data and 16 bits for ECC

Answer: A

---

**QUESTION 86:**

Which describes the "sysidtool" tools of the Solaris 7 installation process ?

- A. an upgrade option used to upgrade a system from an older release of Solaris 7
- B. a program used to configure the identity of the new system

- C. a browser-based installation tool used to enable remote system installation
- D. a utility used to install a Solaris 7 standalone system

Answer: B

---

**QUESTION 87:**

During the boot program phase of the system boot process, which program is loaded by the bootblk program and loads the kernel.

- A. inick
- B. init
- C. installboot
- D. ufsboot

Answer: D

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**QUESTION 88:**

What does the /etc/nsswitch.conf file specify?

- A. the name service setting
- B. the netmask setting
- C. the network storage setting
- D. the network file system setting

Answer: A

---

**QUESTION 89:**

What is true for a Sun StorEdge Volume Manager (SSVM) subdisk?

- A. It contains a set of SSVM disks.
- B. It contains a set of plexes.
- C. It contains a set of volumes.
- D. It contains a set of contiguous disk blocks.

Answer: D

---

**QUESTION 90:**

Put the Fault Analysis and Diagnosis steps in their proper order:

1. Test your hypothesis.
2. Gather information.
3. Take corrective action.
4. Verify the problem.



- 5. Feedback solution.
- 6. Develop a fault hypothesis.

- A. 4,6,1,2,5,3
- B. 2,6,1,4,5,3
- C. 4,2,6,1,3,5
- D. 2,4,1,6,3,5

Answer: C

---

**QUESTION 91:**

The results of the Solaris installation can be found in which file?

- A. /var/sadm/pkg
- B. /var/sadm/install\_data/install\_log
- C. /var/sadm/softinfo
- D. /var/adm/messages

Answer: B

---

**QUESTION 92:**

Which pin is the first to make contact with the Gigaplane when inserting a hot pluggable system board?

- A. ground
- B. -5 volt
- C. precharge
- D. 5 volt

Answer: A

---

**QUESTION 93:**

Which is a main advantage of a concatenated virtual file system?

- A. The file system can utilize more disk space than is physically available.
- B. Each physical disk must be attached to a different system interface.
- C. The file system can be increased while it is mounted and in use.
- D. Data segments are written in parallel.

Answer: C

---

**QUESTION 94:**

Which statement describes RAID 5?

- A. It provides a dedicated parity disk to protect against any one disk failing.
- B. One disk must be filled before moving to the next disk for writing data.
- C. No data redundancy is provided. Failure by any one disk will cause data loss.
- D. Both parity and data are striped across a group of disks.

Answer: D

---

**QUESTION 95:**

What is true for a Sun StorEdge Volume Manager (SSVM) subdisk?

- A. It contains a set of SSVM disks.
- B. It contains a set of contiguous disk blocks.
- C. It contains a set of volumes.
- D. It contains a set of plexes.

Answer: B

---

**QUESTION 96:**

Which manager in the Solstice AdminSuite can be used to view the time zone information?

- A. Time Manager
- B. Database Manager
- C. Group Manager
- D. User Manager

Answer: A

---

**QUESTION 97:**

How is a volume resized using Volume Manager Storage Administrator (VMSA)?

- A. add subdisk to the volume
- B. select customization from Tool bar
- C. select "Volume" -> "Resize"
- D. select "Volume" -> "properties"

Answer: C

---

**QUESTION 98:**

What is the purpose of the Boot Server field in the Host Manager interface?

- A. It is a predefined host selected as the Operating System (OS) server.
- B. It is used to manage all name services on a network.
- C. It is typically used when configuring a JumpStart server.
- D. It is used to manage all name services on a network.

Answer: C

---

**QUESTION 99:**

Which OpenBoot PROM (OBP) commands would successfully alter a single Non-Volatile Random-Access Memory (NVRAM) parameter?

- A. set devalias
- B. set-default disable-board-list
- C. setenv disable-environmental-monitor
- D. update-proms

Answer: B

---

**QUESTION 100:**

If a system cannot boot or load UNIX, which would be the best course of action?

- A. check network connection at server/hub
- B. check system/clock board LEDs
- C. check power supplies
- D. run SunVTS

Answer: B

---

**QUESTION 101:**

How does Sun StorEdge Volume Manager assemble large volumes from multiple disk drives?

- A. It creates and joins virtual volumes that are larger than one physical disk.
- B. It uses standard partitioned disk slices that have been created using the format utility.
- C. It forces the use of all available partitions and stripes across them.
- D. Disks are formatted into two slices and utilizes contiguous sectors.

Answer: D

---

**QUESTION 102:**

How many hot-pluggable GBIC modules come with the Sun Enterprise 3500 Fibre

Channel Interface Board?

- A. 4
- B. 16
- C. 8
- D. 2

Answer: D

---

**QUESTION 103:**

What file do you edit to allow root access from a remote system?

- A. etc/default/login/remote
- B. /etc/default
- C. etc/default/login
- D. etc/host.allow

Answer: C

---

**QUESTION 104:**

Assume you create a RAID 5 volume with 600 Mbytes of usable space over three slices. How much space is used for parity?

- A. 200 Mbytes
- B. 300 Mbytes
- C. 100 Mbytes
- D. 150 Mbytes

Answer: B

---

**QUESTION 105:**

Which command is used to add metadvice boot information into the /etc/system file?

- A. metasystem
- B. metabootroot
- C. metaboot
- D. metaroot

Answer: D

---

**QUESTION 106:**

What is the MAXIMUM length attainable with a 50-micron fiber cable?

- A. 100ft
- B. 100m
- C. 500m
- D. 50m

Answer: C

---

**QUESTION 107:**

At what clock speed does a Sun Enterprise x000 Gigaplane operate when utilized at 97 percent of maximum?

- A. 83 MHz
- B. 112 MHz
- C. 79 MHz
- D. 100 MHz

Answer: A

---

**QUESTION 108:**

Which statement describes RAID 5?

- A. Both parity and data are striped across a group of disks.
- B. No data redundancy is provided. Failure by any one disk will cause data loss.
- C. One disk must be filled before moving to the next disk for writing data.
- D. It provides a dedicated parity disk to protect against any one disk failing.

Answer: A

---

**QUESTION 109:**

Which swap command can be used to add a swap file /export/swapfile to the system's swap space?

- A. swap -d /export/swapfile
- B. swap -s /export/swapfile
- C. swap -a /export/swapfile
- D. swap -l /export/swapfile

Answer: C

---

**QUESTION 110:**

What is the MAXIMUM disk enclosures that can be attached to an A5000 loop?

- A. 4
- B. 8
- C. 2
- D. 6

Answer: A

---

**QUESTION 111:**

What does a CacheFS file system improve?

- A. SCSI throughput rates
- B. NFS filesystem performance
- C. the network backbone
- D. monitor display performance

Answer: B

---

**QUESTION 112:**

What is the Minimum local disk space required for an AutoClient workstation configuration?

- A. 100 Mbytes
- B. 0 Mbytes
- C. 1024 Mbytes
- D. 55 Mbytes

Answer: A

---

**QUESTION 113:**

Assume you create a RAID 5 volume with 600 Mbytes of usable space over three slices. How much space is used for parity?

- A. 200 Mbytes
- B. 150 Mbytes
- C. 300 Mbytes
- D. 100 Mbytes

Answer: C

---

**QUESTION 114:**

Which is NOT true regarding striped volumes?

- A. Each physical disk MUST attach to the same system I/O interface.
- B. Data segments can be written in parallel.
- C. The segment size (stripe size) can be adjusted to optimize performance.
- D. Striped Volumes result in performance improvement.

Answer: A

---

**QUESTION 115:**

Which is the logical device name for the second instance of a tape drive?

- A. /dev/rmt/2
- B. /dev/rmt2
- C. /dev/rmt1
- D. /dev/rmt/1

Answer: D

---

**QUESTION 116:**

Put the Fault Analysis and Diagnosis steps in their proper order:

1. Test your hypothesis.
2. Gather information.
3. Take corrective action.
4. Verify the problem.
5. Feedback solution.
6. Develop a fault hypothesis.

- A. 4,6,1,2,5,3
- B. 2,6,1,4,5,3
- C. 2,4,1,6,3,5
- D. 4,2,6,1,3,5

Answer: D

---

**QUESTION 117:**

What should the system administrator do when preparing the system for an operating system upgrade?

- A. Warn users using an all system broadcast, gather system data, and begin the upgrade process.
- B. Shutdown the system, gather system data, warn users, and begin the upgrade process.
- C. Warn users using an all system broadcast, backup data, and begin the upgrade process.
- D. Shutdown the system, gather system data, and begin the upgrade process.

Answer: C

---

**QUESTION 118:**

Which menu in the Menu bar is used to customize the Volume Manager Storage Administrator (VMSA)?

- A. the Options menu
- B. the Task menu
- C. the Console menu
- D. the Window menu

Answer: A

---

**QUESTION 119:**

What is the MAXIMUM size limitation for a file system?

- A. It cannot exceed 1024k in size.
- B. It cannot exceed 512k in size.
- C. It cannot exceed 1 TByte in size.
- D. It is unlimited in size.

Answer: C

---

**QUESTION 120:**

Which is the logical device name for the third instance of a tape drive?

- A. /dev/rmt2
- B. /dev/rmt3
- C. /dev/rmt/2
- D. /dev/rmt/3

Answer: C

---

**QUESTION 121:**

Which describes database replicas?

- A. Replicas must be placed in a separate disk, which can't store other data.
- B. Replicas can't be deleted manually; it must be done by the disksuite daemon.
- C. Database replicas are an optional part of DiskSuite and not required.
- D. Replicas' information can't be read by using standard UNIX file system commands.



Answer: D

---

**QUESTION 122:**

How many Gigaplane slots are there on the Sun Enterprise 3500 Server chassis?

- A. 5
- B. 8
- C. 10
- D. 16

Answer: A

---

**QUESTION 123:**

Once all five screws on a Central Processing Unit (CPU) module have been initially tightened in the correct sequence, what final torque tension is used to complete the installation?

- A. 6 pounds-inch
- B. 4 inch-pounds
- C. 8 pounds-inch
- D. 2 inch-pounds

Answer: A

---

**QUESTION 124:**

Identify the three components of installation software.

- A. Packages, Software clusters, Configuration Clusters
- B. Software Clusters, Patches, Packages
- C. Configuration clusters, Patches, Software Clusters
- D. Patches, Packages, Software Clusters

Answer: A

---

**QUESTION 125:**

At what clock speed does a Sun Enterprise x000 Gigaplane operate when utilized at 97 percent of maximum?

- A. 79 MHz
- B. 100 MHz
- C. 112 MHz

D. 83 MHz

Answer: D

---

**QUESTION 126:**

Which statement describes RAID 0?

- A. striping and concatenation
- B. concatenation only
- C. striping only
- D. mirroring and striping

Answer: A

---

**QUESTION 127:**

Which is LEAST likely to be a resource used to solve a technical problem?

- A. AnswerBook
- B. Job Task Analysis
- C. Other functioning systems
- D. Man pages

Answer: B

---

**QUESTION 128:**

Which are considered RAM-based file systems? (Choose two.)

- A. swapfs
- B. fdfs
- C. vxfs
- D. rmfs

Answer: A,B

---

**QUESTION 129:**

Solstice Enterprise Volume Manager formats the disk into only two slices. By default, what are these two slices?

- A. slice 3 (private area) and slice 4 (public area)
- B. slice 4 (private area) and slice 6 (public area)
- C. slice 3 (private area) and slice 7 (public area)
- D. slice 6 (private area) and slice 7 (public area)

Answer: A

---

**QUESTION 130:**

What OpenBoot PROM (OBP) command will allow you to change your default boot device?

- A. setenv boot-device
- B. devalias disk
- C. boot disk1
- D. printenv boot-device

Answer: A

---

**QUESTION 131:**

Which is the best description of authorization in Network Information Service Plus (NIS+) security?

- A. It determines if the specified group objects belong in the requested group directory.
- B. It determines if the server is a replica or root master within the namespace.
- C. It determines if the requester is a valid user on the network.
- D. It determines if the user is permitted to read or modify requested information.

Answer: D

---

**QUESTION 132:**

What file do you edit to allow root access from a remote system?

- A. /etc/default
- B. etc/host.allow
- C. etc/default/login
- D. etc/default/login/remote

Answer: C

---

**QUESTION 133:**

During the boot program phase of the system boot process, which program is loaded by the bootblk program and loads the kernel.

- A. installboot
- B. inick
- C. init

D. ufsboot

Answer: D

---

**QUESTION 134:**

Which swap command can be used to add a swap file /export/swapfile to the system's swap space?

- A. swap -a /export/swapfile
- B. swap -s /export/swapfile
- C. swap -d /export/swapfile
- D. swap -l /export/swapfile

Answer: A

---

**QUESTION 135:**

Which is true about fiber channel disk drives?

- A. They have a SCSI interface.
- B. They have low speed and high capacity.
- C. They are identified by a unique worldwide name.
- D. They have high speed and low capacity.

Answer: C

---

**QUESTION 136:**

Which is NOT a primary task of OpenBoot firmware?

- A. providing interactive debugging facilities for testing hardware and software
- B. verifying a stable network connection
- C. booting the operating system from either a mass storage device or from a network
- D. testing and initializing the system hardware

Answer: B

---

**QUESTION 137:**

Which command is used to add metadvice boot information into the /etc/system file?

- A. metasystem
- B. metaboot
- C. metabootroot
- D. metaroot

Answer: D

---

**QUESTION 138:**

Which manager in the Solstice AdminSuite can be used to view the time zone information?

- A. User Manager
- B. Time Manager
- C. Group Manager
- D. Database Manager

Answer: B

---

**QUESTION 139:**

Which component(s) make up the Solstice DiskSuite? (Choose three.)

- A. Metadevice virtual driver
- B. State Database replicas
- C. Metadisk driver
- D. DiskSuite tool

Answer: B,C,D

---

**QUESTION 140:**

What is the MAXIMUM size limitation for a file system?

- A. It is unlimited in size.
- B. It cannot exceed 1024k in size.
- C. It cannot exceed 1 TByte in size.
- D. It cannot exceed 512k in size.

Answer: C