

In order to learn which questions have been answered correctly:

1. Print these pages.
2. Answer the questions.
3. Send this assessment with the answers via:
 - a. FAX to (212) 967-3498.

Or

- b. Mail the answers to the following address:

**SYS-ED
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QNO	Question	Answer
1.	<p>The Solaris Web Start installation program on the Solaris DVD or Solaris Installation CD can be run with:</p> <ul style="list-style-type: none"> a. A GUI: graphical user interface. b. A command-line interface (CLI). c. MSI Installer. d. a and b. e. None of the above. 	
2.	<p>Which of the following characteristics is true of mirrored file systems:</p> <ul style="list-style-type: none"> a. They can be created during an installation or upgrade. b. They can be created after the installation. c. They must be started at installation and completed later. d. They are only created disk drive software manufacturers. e. a and b 	
3.	<p>In Solaris Volume Manager, a virtual disk is called a _____.</p> <ul style="list-style-type: none"> a. volume b. partition c. VDISK d. VIO Disk e. Smart Disk 	
4.	<p>The nowin option on the boot command indicates that:</p> <ul style="list-style-type: none"> a. X Windows is not to be installed. b. .Gnome should be avoided on the server. c. Install should be installed now. d. Response files should be created. e. None of the above. 	
5.	<p>Which of the following is not a major activity of an operating system with respect to process management:</p> <ul style="list-style-type: none"> a. Creation and deletion of user and system processes. b. Provides a mechanism for process synchronization. c. Provides a mechanism for process communication. d. Provides a mechanism for deadlock handling. e. They are all part of process management. 	
6.	<p>Which are the major activities of an operating system with respect to file management?</p> <ul style="list-style-type: none"> a. Creation and deletion of files. b. Mapping of files onto secondary storage. c. Back up of files on stable storage media. d. a and b e. a, b and c. 	

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7.	<p>I/O _____ hides the multilayered details of hardware devices from the user. Only the device driver will need to know the information specific to that being assigned to the device.</p> <p>a. subsystem b. kernel c. process d. SmartDrive e. selectors</p>	
8.	<p>Running a program involves the allocation and deallocation of memory and the scheduling of CPU in the case of multiprocess programs. These functions cannot be given to the user-level programs for the following reason.</p> <p>a. user-level do not have the privileges. b. user-level programs cannot help the user to run programs independently without the help from operating systems. c. user-level programs run in the kernel. d. a and b. e. a, b and c.</p>	
9.	<p>A process contains:</p> <p>a. The current value of PC: Program Counter. b. The contents of the processors registers. c. Value of the variables. d. a and b. e. a, b and c.</p>	
10.	<p>In a process, the data section contains:</p> <p>a. register information b. save areas c. global variables. d. Content Switches e. a, b and c</p>	
11.	<p>A process goes through a series of discrete process states. Which of the following is not a state?</p> <p>a. New State b. Running State c. Blocked State d. Transition State e. Terminated State</p>	
12.	<p>A scheduling discipline is _____ when a process which has been given the CPU and can have it taken away.</p> <p>a. blocking b. nonpreemptive c. preemptive d. non blocking e. ready</p>	

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13.	<p>_____ restrict users to a finite disk space and can be set individually.</p> <p>a. Quotas b. Stats c. du d. EXCP e. None of the above.</p>	
14.	<p>Typing "su" without a username is equivalent to:</p> <p>a. a logoff. b. a su root. c. starting the original user. d. a power user. e. None of the above.</p>	
15.	<p>In order to display a user and all group ids, which command will need to be used:</p> <p>a. id b. who c. user d. identity e. None of the above.</p>	
16.	<p>The _____ command will allow the user to enter a keyword. The system will search the man for the keyword and provide a list of where the keyword can be found.</p> <p>a. cat b. help c. apropos d. store e. search</p>	
17.	<p>Solaris software maintains user account information in which file(s):</p> <p>a. /etc/passwd b. /etc/shadow c. /etc/password d. a and b e. a,b and c</p>	
18.	<p>A _____ is a process that detaches itself from the terminal and runs, disconnected, in the background, waiting for requests and responding to them.</p> <p>a. task b. daemon c. driver d. subsystem e. c or d</p>	
19.	<p>The _____ process is the network "super server":</p> <p>a. cron b. SMB c. net_server d. inetd e. su</p>	

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20.	The general process control signal that detects terminal hangup or controlling process death is called: a. HUP b. INT c. KILL d. QUIT e. TERM	
21.	If a list of the available signals is required, the following command should be used: a. kill -l b. ps -all c. signal -l d. signal -help e. c or d	
22.	What is the userid id for root user? a. 64 b. 0 c. MAX d. 1 e. None of the above.	
23.	What is the default minimum password size? a. 2 b. 4 c. 6 d. 8 e. There is no minimum default size.	
24.	The name of the file that defines user's environment at login is: a. config.sys b. .profile c. ENV d. startup e. None of the above.	
25.	The first sector of a disk that contains disk geometry and partition information is called: a. boot. b. Disk label. c. Start Track. d. Main Sector. e. Partition Table Entry.	