Advanced Use of Linux Operating System Qualifying Exam - March 7th, 2018

Nar	me:		ID Number:	
1.	Who holds the leading a A. Linus Torvalds	uthority in Linux developme B. Richard Stallman	nt today? C. Lennart Poettering	D. Steve Ballmer
2.	Debian, Fedora and Ope	enSUSE are examples of man B. classes	y Linux C. components	D. segments
3.	The licence most commo	only used with Linux is: B. MIT	C. GPL	D. Apache
4.	Two types of distribution A. stable and testing	n updates are: B. rolling and stable	C. rolling and rocking	D. unstable and stable
5.	Which of these is comm A. /bin	only used to manually add re B. /mnt	emovable storage? C. /lib	D. /etc
6.	One can check disk space A. ds	e usage by running which of B. Is	these commands?	D. free
7.	An empty file can be cre A. mk	eated by running: B. touch	C. mv	D. pwd
8.	Which of the following of "osnovni"? A. touch -p linux/osnov B. touch linux/osnov C. mkdir linux/osnov	snovni mi	rectory called "linux", and and	other one within it, called
9.	D. mkdir -p linux/os	snovni	onfig/hexchat/assets. Wh	ere will we end up after
	running the command co	ig/hexchat		
10.	Which sequence of chara	acters redirects stdout and st	tderr elsewhere? A. 2>&1	3. &> C. > D. >2
11.	want scripts and comma 'y' to be the answer to a	nds to pest us with $[y/n]$	prints 'y' to the standard outpo confirmations, and instead war m -ri <directory> is an exa d above?</directory>	nt them to simply assume

to some file, which of the following should we append to the command being run? B. 2>./some_file C. &>./some_file D. >./some_file A. 1>./some_file

12. In order to redirect the printing of errors (and only errors) encountered during the execution of some command

A. rm -ri | yes

B. yes | rm -ri

C. rm -ri && yes

D. yes || rm -ri

13.	Odd man out! Which of these doesn't fit?								
	A. before	B. while	C. until	D. for					
14.	The command Is -Id /etc/??? lists: A. all files whose name has at least 3 characters B. all directories whose name starts with ??? C. all directories whose name has exactly 3 characters D. all files named ???								
15.	5. In bash, every variable is of the type:								
	A. integer	B. string	C. double	D. char					
16. In regular expressions, which character denotes End-of-Line?									
	A. ^	B. \$	C. >	D. *					
17.	What is the result of running	(.*)\.(.*)/\2\1\3/" on the string	g A.B.C?:						
	A. CBA	B. ABC	C. BAC	D. CAB					
18. Choose the command which will, given a string containing any number of digits followed by a word 1337banana, 90000mango), strip off the numbers and turn all letters to uppercase. A. sed -r "s/([[:digit:]])*(.*)/\U\2/"									
	<pre>B. sed -r "s/([[:digit C. sed -r "s/([[:alnum D. sed -r "s/([[:alnum</pre>	u:]])*(.*)/\u\1/"							
19.	Which of these commands end of the line?	will remove the sequence	e of characters ".?" (without quota	tion marks) from the					
	A. sed -r "s/(.*)(.?)\$ B. sed -r "s/\.*.?\$/\1 C. sed -r "s/(.*)(\.\? D. sed -r "s/(\.*)(\.\	/")\$/\1/"							
20.	The line root:T3RqrzxU1M	MAH3F3wtuQu/:13284:0	:99999:7::: is a representative line	e from which file?					
	A. /etc/root	B. /etc/sudoers	<pre>C. /etc/fstab</pre>	D. /etc/shadow					
21.	The line GROUPTWO ALL = from which file?	NOPASSWD: /usr/bin/	updatedb, PASSWD: /bin/kill is	a representative line					
	A. /etc/root	B. /etc/sudoers	<pre>C. /etc/fstab</pre>	D. /etc/shadow					
22.	The primary group for each	user is written in:							
	A. /etc/hosts	B. /etc/passwd	C. /usr/passwd	D. /usr/group					
23.	The command "su" run wi	ith no arguments:							
	A. gives the current user sudo privilegesB. switches the current user with rootC. creates a new userD. returns an error due to being run improperly								
24.	Which command ensures the	he file may only be read a	and nothing else?						
	A. chmod 444 some_file B. chmod 755 some_file C. chmod 777 some_file D. chmod 333 some_file								

	A. chmod +X some_directory B. chmod +r some_directory C. chmod +t some_directory D. chmod -X some_directory						
26. Which of these is valid if you want to run a command in the background?							
	A. <command/> \$ B. <command/> & C. <command/> ! D. <command/> ^						
27.	What does the \$\$ variable conta	in?					
	A. current kernel versionB. <i>PID</i> of the current processC. <i>exit code</i> of the last run progD. the default terminal emulator	-	n				
28. Which signal is sent by pressing Ctrl+C?							
	A. SIGKILL	В.	SIGTRAP	C.	SIGHUP	D.	SIGINT
29.	Choose the "strongest" signal:						
	A. SIGKILL	В.	SIGTRAP	C.	SIGHUP	D.	SIGINT
30.). If a user wants to suspend the active process, which of these key combinations will enable them to do it?					do it?	
	A. CTRL+C	В.	CTRL+Z	C.	ALT+C	D.	CTRL+D
	ich term do You prefer: n the morning (10-12)		B. In the afternoon (12-14)				

25. Which command permits deleting files inside of a directory only to the directory owner and root?