


Name: Enrolment No:	
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, July 2020	
Course: Advanced Linuz Program: B.Tech. CS DevOps Course Code: CSDV 2003	Semester: IV Time 02 hrs. Max. Marks: 100
Mode of exam: Online through blackboard	

Description attempt all questions
all questions carry one marks

Instructions
Total Questions 60
Total Points 100
Number of Attempts 66

1. Multiple Choice: Which command is used to display the ...

Points: **1**

Question	Which command is used to display the operating system name
Answer	<div style="border-bottom: 1px solid black; padding: 2px;">OS</div> <div style="border-bottom: 1px solid black; padding: 2px;">unix</div> <div style="border-bottom: 1px solid black; padding: 2px;">kernel</div> <div style="padding: 2px;"> <input checked="" type="checkbox"/> uname </div>

2. Multiple Choice: What does FSF stand for?

Points: 1

Question	What does FSF stand for?
Answer	<input type="checkbox"/> Free Software File
	<input type="checkbox"/> File Server First
	<input type="checkbox"/> First Serve First
	<input checked="" type="checkbox"/> Free Software Foundation

 3. Multiple Choice: "How can you add Amit, a new user, to...

Points: 1

Question	"How can you add Amit, a new user, to your system?"
Answer	<input type="checkbox"/> Using useradd
	<input type="checkbox"/> Using adduser
	<input type="checkbox"/> Using linuxconf
	<input checked="" type="checkbox"/> All of the above

 4. Multiple Choice: "On login, ----- is the default...

Points: 1

Question	"On login,-----is the default working directory for the user. "
Answer	<input checked="" type="checkbox"/> home
	<input type="checkbox"/> root
	<input type="checkbox"/> bin
	<input type="checkbox"/> working

 5. Multiple Choice: How many primary partitions can exist...

Points: 1

Question	How many primary partitions can exist on one drive?
Answer	<input type="checkbox"/> 16
	<input type="checkbox"/> 4

2

1

 6. Multiple Choice: Solaris is the name of a flavor of U...

Points: 1

Question	Solaris is the name of a flavor of UNIX from
Answer	HP
	IBM
	Digital Equipment Corp
	<input checked="" type="checkbox"/> Sun Microsystems

 7. Multiple Choice: Executing the cd .. command when a...

Points: 1

Question	Executing the cd .. command when at the root level causes
Answer	Error message indicating the user can't access beyond the root level
	Behavior is unix-flavor dependent
	Results in changing to the home directory
	<input checked="" type="checkbox"/> Nothing happens

 8. Multiple Choice: The expression $\text{expr } -9 \% 2$ evaluates to:

Points: 1

Question	The expression $\text{expr } -9 \% 2$ evaluates to:
Answer	0
	1
	<input checked="" type="checkbox"/> -1
	2

 9. Multiple Choice: Which command is used to record a use...

Points: 1

Question	Which command is used to record a user login session in a file
Answer	macro
	read
	<input checked="" type="checkbox"/> script
	none of above

10. Multiple Choice: Which command is used to display the ...

Points: 1

Question	Which command is used to display the operating system name
Answer	OS
	linux
	kernel
	<input checked="" type="checkbox"/> uname

11. Multiple Choice: Which directory contains configuratio...

Points: 1

Question	Which directory contains configuration files in Linux?
Answer	<input checked="" type="checkbox"/> /etc/
	/bin/
	/dev/
	/root/

12. Multiple Choice: What is maximum filename size in Linu...

Points: 2

Question	What is maximum filename size in Linux in bytes?
Answer	32
	64

255

13. Multiple Choice: which of the following runs last comm...

Points: **2**

Question	which of the following runs last command you entered
Answer	<input checked="" type="checkbox"/> !!
	<input type="checkbox"/> ~!
	<input type="checkbox"/> #
	<input type="checkbox"/> *

14. Multiple Choice: How would you find out what your curr...

Points: **2**

Question	How would you find out what your current login shell is?
Answer	<input type="checkbox"/> cat/etc/shell
	<input checked="" type="checkbox"/> echo \$\$SHELL
	<input type="checkbox"/> echo shell
	<input type="checkbox"/> pwd

15. Multiple Choice: Which command is used to check Linux ...

Points: **2**

Question	<input checked="" type="checkbox"/> Which command is used to check Linux version?
Answer	<input type="checkbox"/> uname -a
	<input type="checkbox"/> uname -n
	<input type="checkbox"/> uname -s
	<input type="checkbox"/> kernel

16. True / False: LILO is a boot loader for Linux i.e. ...

Points: 1

Question	LILO is a boot loader for Linux i.e. used mainly to load the Linux operating system into main memory so that it can begin its operations.
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

 17. Multiple Choice: "... command is used to list all file...

Points: 2

Question	"... command is used to list all files in a directory, including the hidden files"
Answer	<input checked="" type="checkbox"/> ls -a <input type="checkbox"/> ls -s <input type="checkbox"/> ls -h <input type="checkbox"/> ls -d

 18. Multiple Choice: File systems are made of

Points: 2

Question	File systems are made of
Answer	<input type="checkbox"/> superblocks. <input type="checkbox"/> inode number <input checked="" type="checkbox"/> both a & b <input type="checkbox"/> none of above

 19. Multiple Choice: Which directory is closer to the top ...

Points: 2

Question	Which directory is closer to the top of the file system tree
Answer	<input type="checkbox"/> Current Directory <input checked="" type="checkbox"/> Parent Directory <input type="checkbox"/> child directory <input type="checkbox"/> all above directories are at same level

 20. Multiple Choice: How can you find a path to the file i...

Points: 2

Question	How can you find a path to the file in the system ?
Answer	find file_name
	search file_name
	ls file_name
	<input checked="" type="checkbox"/> locate file_name

21. Multiple Choice: .command is used to determine the s...

Points: 2

Question	.command is used to determine the settings of a mask that controls which file permissions are set for files and directories when they are created.
Answer	mask
	<input checked="" type="checkbox"/> umask
	touch
	chown

22. True / False: Swap space is a certain amount of spa...

Points: 1

Question	Swap space is a certain amount of space used by Linux to temporarily hold some programs that are running concurrently. This happens when RAM does not have enough memory to hold all programs that are executing.
Answer	<input checked="" type="checkbox"/> True
	False

23. Multiple Choice: /usr/share

Points: 2

Question	/usr/share
Answer	Contains optionally installed products.
	Contains unbundled development package binaries.
	Contains files that can be shared over the internet
	<input checked="" type="checkbox"/> Contains files that can be shared among machines with different architectures

24. True / False: The permissions on a file can be chan...

Question	The permissions on a file can be changed by 'chmod' command which can be further divided into Absolute and Symbolic mode
Answer	<input checked="" type="checkbox"/> True <input type="checkbox"/> False

 25. Multiple Choice: file system uses the copy-on-writ...

Question	file system uses the copy-on-write (COW) principle
Answer	<input checked="" type="checkbox"/> btrfs <input type="checkbox"/> XFS <input type="checkbox"/> EXT4 <input type="checkbox"/> None of above

 26. Multiple Choice: block device file contains the size...

Question	block device file contains the size block
Answer	<input type="checkbox"/> 1 byte <input type="checkbox"/> 256 byte to 32 KB <input checked="" type="checkbox"/> 512 byte to 32 KB <input type="checkbox"/> 32 KB to 512 KB

 27. True / False: BASH commands are not case sensitive

Question	BASH commands are not case sensitive
Answer	<input type="checkbox"/> True <input checked="" type="checkbox"/> False

 28. Multiple Choice: /etc/

Question	/etc/
Answer	<input type="checkbox"/> Contains special files used to access devices <input type="checkbox"/> Contains the home directories for normal users

contains the extra file in linux

Default location for software configuration files

29. Multiple Choice: Kernel modules are stored in which di...

Points: 2

Question	Kernel modules are stored in which directory?
Answer	<input type="checkbox"/> /root
	<input type="checkbox"/> /usr
	<input type="checkbox"/> /etc
	<input checked="" type="checkbox"/> /lib

30. Multiple Choice: The XFS File system has advanced feat...

Points: 2

Question	The XFS File system has advanced features like_____.
Answer	<input type="checkbox"/> Copy on Write
	<input checked="" type="checkbox"/> Parallel I/O
	<input type="checkbox"/> I/O compression
	<input type="checkbox"/> Auto disk crash recovery

31. Multiple Choice: /sys directory holds_____data

Points: 2

Question	/sys directory holds_____data
Answer	<input checked="" type="checkbox"/> Real-time information
	<input type="checkbox"/> System information
	<input type="checkbox"/> Error logs
	<input type="checkbox"/> Boot files

32. Multiple Choice: Access privilege 200 indicates_____...

Points: 2

Question	Access privilege 200 indicates_____.
Answer	Read only for owner
	<input checked="" type="checkbox"/> Write only
	Read for everyone
	No one has access

33. True / False: "While installing Linux, users can be...

Points: 1

Question	"While installing Linux, users can be created"
Answer	<input checked="" type="checkbox"/> True False

34. Multiple Choice: Which command can be used to delete a...

Points: 2

Question	Which command can be used to delete a group from a Linux system?
Answer	<input checked="" type="checkbox"/> groupdel
	groupmod
	groups
	groupedit

35. Multiple Choice: Which command is used to get the list...

Points: 2

Question	<input checked="" type="checkbox"/> Which command is used to get the list of users who are currently logged-in?
Answer	who
	login
	users
	which

36. Multiple Choice: "Linux has a command to delete the user with its home directory, the command is"

Question	"Linux has a command to delete the user with its home directory, the command is"
Answer	<input type="checkbox"/> userdel -f username
	<input type="checkbox"/> userdel -d username
	<input type="checkbox"/> userdel -D username
	<input checked="" type="checkbox"/> userdel -r username

Points: 2

 37. Multiple Choice: Which command changes a file's group ...

Question	Which command changes a file's group owner
Answer	<input type="checkbox"/> chmod
	<input checked="" type="checkbox"/> chgrp
	<input type="checkbox"/> chown
	<input type="checkbox"/> chgrep

Points: 2

 38. Multiple Choice: "How can you add Amit, a new user, to..."

Question	"How can you add Amit, a new user, to your system?"
Answer	<input type="checkbox"/> Using useradd
	<input type="checkbox"/> Using adduser
	<input type="checkbox"/> Using linuxconf
	<input checked="" type="checkbox"/> All of the above

Points: 2

 39. Multiple Choice: User can be assigned to a group while...

Question	User can be assigned to a group while creating the user. The command for this is
Answer	<input type="checkbox"/> adduser -g

useradd -a

aduser -a

useradd -g

40. True / False: When an user is deleted it home direc...

Points: 1

Question When an user is deleted it home directory contents are also deleted

Answer True
 False

41. True / False: "A user is logged in on a terminal, r...

Points: 1

Question "A user is logged in on a terminal, root user can delete the user."

Answer True
 False

42. True / False: An user can login without password

Points: 1

Question An user can login without password

Answer True
False

43. Multiple Choice: To delete user the command is

Points: 2

Question To delete user the command is

Answer rm
delete
 userdel
all of above

44. Multiple Choice: The system calls in UNIX is written u...

Points: 2

Question The system calls in UNIX is written using which language

Answer C

C++

Assembly language

Fortran

45. Multiple Choice: Which of the following is considered ...

Points: 2

Question	Which of the following is considered as the super daemon in Unix?
Answer	sysinit
	<input checked="" type="checkbox"/> init
	inetd
	proc

46. Multiple Choice: Which of the following statement is ...

Points: 2

Question	Which of the following statement is FALSE ?
Answer	Unix supports multiple users
	Linux is an open source operating system and the source code is shared
	<input checked="" type="checkbox"/> Shell takes care of inter process communication
	Shell provides the feature of I/O Redirection

47. Multiple Choice: Which command is used to record a use...

Points: 2

Question	Which command is used to record a user login session in a file
Answer	macro
	read
	<input checked="" type="checkbox"/> script
	None of the above

48. Multiple Choice: Which of the following is not a commu...

Points: 2

Question	Which of the following is not a communication command?
Answer	grep
	mail
	mesg
	<input checked="" type="checkbox"/> write

49. Multiple Choice: _____ is the world s largest non-comm...

Points: 2

Question	_____ is the world s largest non-commercial Linux distribution
Answer	<input checked="" type="checkbox"/> Debian
	Ubuntu
	Fedora
	Mint

50. Multiple Choice: Which set option will keep you from a...

Points: 2

Question	Which set option will keep you from accidentally overwriting an existing file with file redirection?
Answer	nowrite
	<input checked="" type="checkbox"/> noclobber
	noklobber
	nonuke

51. Multiple Choice: Which of the following is an example...

Points: 2

Question	Which of the following is an example of a class C network address?
----------	--

Answer	10.254.90.135
	172.16.98.42
	255.255.255.255
	<input checked="" type="checkbox"/> 192.168.90.131

52. Multiple Choice: " By default, SMTP operates on which ...

Points:

Question	" By default, SMTP operates on which port?"
Answer	21
	23
	<input checked="" type="checkbox"/> 25
	119

53. Multiple Choice: Which command is used to upload a fil...

Points:

Question	Which command is used to upload a file from the local machine to a remote FTP server?
Answer	<input checked="" type="checkbox"/> put
	cp
	mv
	place

54. True / False: The traceroute utility provides infor...

Points:

Question	The traceroute utility provides information about the path of data between a local and remote host.
Answer	<input checked="" type="checkbox"/> True
	False

55. Multiple Choice: Which utility provides contact and na...

Points:

Question	Which utility provides contact and name server information about the specified domain?
Answer	whois
	host
	nameserver
	<input checked="" type="checkbox"/> finger

56. Multiple Choice: Which two utilities can be used to vi...

Points: 2

Question	Which two utilities can be used to view the routing table?
Answer	<input checked="" type="checkbox"/> netstat
	traceroute
	ping
	ifconfig

57. Multiple Choice: The advantage of binary files over te...

Points: 2

Question	The advantage of binary files over text files is that
Answer	It is compact
	It can be accessed faster
	They are more reliable
	<input checked="" type="checkbox"/> All of these

58. Multiple Choice: The netstat command give information on:

Points: 2

Question	The netstat command give information on:
Answer	active sockets
	open sockets

routing tables

All of these

59. Multiple Choice: "To query DNS (Internet domain name) ...

Points: 2

Question "To query DNS (Internet domain name) servers, you use the command:"

Answer DNS

nslookup

dnsquery

isrouted

60. Multiple Choice: "On Red Hat Linux and its derivatives..."

Points: 2

Question "On Red Hat Linux and its derivatives, which of the following commands will be appropriate to check whether a particular package is installed or not?"

Answer query-pkg

rpm -qa

pkg

sys

Select: All None

Select by Type:

Points