

## Linux & shell script test -02

Intern Name:

Intern ID:

Max Marks: 50

Max time:45Min

1. Write a shell script in Linux/Unix that accepts a text file as input and counts the number of words in the file which do not consist of vowels.

2. Which command would you run to know how many block devices of type disk are present in the system?

3. Which command would you run to know what is the total number of physical cores in the system ? (Remember, total cores is the number of cores per socket \* number of sockets.)

4. What operations can we do with awk and write syntax of it?

5. Print the lines which matches with the given pattern 'manager' in the given 'info.txt' file and print the file Splitting a Line into Fields.

6. What is the correct option for the following.

i). Choose the correct from below to search for lines beginning with the pattern using grep.

A - ^pattern

C - \$pattern

B - pattern\$

D - pattern^

ii). Which command can be used to query for terminal type being in use?

A - ps

B - ls

C - whoami

D - tty

iii). How you list only hidden files?

A - ls -la | grep "^."

B - ls -l | grep "^."

C - ls -a

D - None of the above.

iv). Command 'sed' is used for \_\_\_\_

A - To perform arithmetic calculations

B - Used as text filter

C - To mount a device

D - Is a text editor.

v).- What are the options used to list the contents of a .tar file?

A - cvf

B - tvf

C - xvf

D - lvf

vi). Mount point for temporary removable devices is \_\_\_\_

A - /

B - /mnt`

C - /dev

D - /tmp

vii). A binary file is a \_\_\_\_

A - Regular file

B - Directory

C - System file

D - None of the above