**Linux Test ­ 01/12/2015**

**1.** How i can see from command prompt that on which directory you are ?

**Ans :** using the “**pwd**” command we can see the current working directory.

**2.** How i can change permission of file to read only for that user ?

**Ans:** the “**chmod**” command is used to change the permission of file

cmd **: chmod 400 filename**

The **400** is show the read only permission for user .

**3.** how i can create new user ?

**Ans** : cmd: **adduser username**

to create new user the sudo user permission is required on the system.

**4**. how i can install mysql in ubuntu ?

**Ans** : the sudo user permission is required to install mysql on the system.

cmd : **sudo apt-get install mysql**

**5.** How i can set insert mode on VI editor ? And how i can save data in file using VI editor ?

**Ans :** For insertion, there are two command :

1. **I (uppercase i)** : insert text beginning of line
2. **i (lowercase i):** insert text before the position of cursor

And to save the data in file, the commands are :

Cmd : **1) w**  =>save the data

**2) wq** => save and quite

**3) x**  => save to unsaved changes

**6.** if i want to search from history of command then which short cut i can use ?

**Ans :** to search the commands from the history.

Cmd : **history | grep command\_name**

**7.** Write a command which gives me running mysql process and its pid

**Ans: “ps”** command is give pid of current active process and “**top”** command give the list of running all process.

**8.** which command helps me to copy file from my local machine to remote machine ? Give one example

**Ans:**  to copy the file from local host to remote host the “**scp**” command is use.

Cmd : **scp local\_filepath remote\_username@remote\_address(ip/domain address) : remote\_dir\_path**

**9.** Write a command that will display all .txt files, including its individual permission.

**Ans:**  cmd : **ls -la \*.txt**

**10**. How can i terminate all process at once ?

**Ans :** using **“pkill**” command

**11.** how i can get first 10 lines of any file ?

**Ans :**  1 ) head filename

**12**. how i can know free space on disk ?

**Ans :** using “**df”** command

**13.** write command which remove folder from my machine.

**Ans :**  cmd :  **rm -r directory\_name**

**14.** Which command helps me to search contents of a file for particular pattern ?

**And:** using **“grep”** command

**15.** Write command to display current date in the form dd/mm/yyyy.

**Ans:**  using **“ date + %d /%m /%Y ”** command

**16.** how i can remove all lines from file ? (without removing that file)

**Ans :**cmd : **sed -i ‘d’ file\_name**

**17.** The permission ­rwxr—r— represented in octal expression will be ?

A. 777

B. 511

C. 744

D. 711

**Ans : C (744)**

**18.** Which command can be use for change user password ?

**Ans:** cmd : p**asswd**

**19.** how and where i can set test.rapidops.com against localhost ?

**20**. Create file and set its group as root

**Ans:** cmd : **touch filename**

**chmod 070 filename**