**1 Which command would uncompress the contents in the file 'important.bz2'?**

*bzip2 important.bz2*

Para esto se requiere instalar antes la paquetería de bzip2

**2 What command will print a list of all running processes on our system?**

*ps aux*

**3 You have been editing a configuration file using vi. You realize that you’ve made many mistakes and need to quit without saving the changes so that you can start over. Which command will allow you to do this?**

Sales del modo edicion presionando ESC y luego metiendo el commando *:q!* para salir sin guardar.

**4 What utility allows us to switch users, including switching to the root user?**

Con el commando *su <user>*. Tambien para cambiar al root se puede utilizar *su –i*.

**5 While currently reading any man page, how might we quit and go back to the shell?**

Presionando la Tecla *q*.

**6 You’ve downloaded an application package that has an extension of .rpm. What is required to install it on your Linux system?**

*rpm –ivh <name\_file>.rpm*

**7 What environmental variable might we use to specify the directory where man page files will be located?**

Con la variable *manpath*

**8 When it comes to bash configuration files, which of the following will be read/executed when logging into a shell that is considered to be a non-login shell?**

**Choose the correct answer:**

**~/.bash\_profile**

**~/.bashrc**

**~/.bash\_login**

**/etc/profile**

**9 By default, which port does the sshd daemon listen on for incoming SSH connections?**

El Puerto 22

**10 You have an executable file called pinehead.sh in your ~/Downloads directory. You have changed to the ~/Downloads directory at your shell prompt. When you entered pinehead.sh as a command in the prompt, the shell tells us that the command is invalid. What possible things could we do?**

Suponiendo que ya tiene los permisos de ejecución:

*./pinehead.sh*

*/bin/bash pinehead.sh*

*Bash pinehead.sh*

**11 What is the proper syntax for creating a parent directory, followed by a child subdirectory?**

Utilizando la flag para el parent que es *–p*.

*mkdir –p parent/subdirectory*

**12 Which command would you run to see who is currently logged into the system?**

Con el commando *whiami*.

**13 Besides man, what other text-mode utility can you use to get help in Linux?**

Pueden ser de dos formas

1. *Info <commando>*
2. *<commando> --help*

**14 What directory contains the files are copied into the user's home directory at the time the user is created (assuming a home directory is created)?**

Ubicado en */home/<User>*

**15 From your current location on the file system, how would you change to three directories above the current directory?**

Usando *cd ../../../*

**16 You need to move a directory (dir1), along with all of its contents, to a new location (dir2) Which command would accomplish this task?**

Utilizando el comando para mover *mv dir1 dir2*

**17 What should the first line of a bash shell script contain?**

*#!/bin/bash*

**18 How would user Stephen connect to remote host 172.16.0.24 ?**

Con *ssh Stephen@172.26.0.24*

**19 When using command completion within a Linux shell, what key should you press?**

Con la Tecla tab.

**20 How would you set permissions on a newly created script so that it could be executed?**

Utilizando el commando *chmod* por ejemplo

*chmod a+x <script>* en este caso cambiaria los permisos para todos los usuarios, si no se quiere esto puede cambiarse la *a* por *u, g, o* o utilizando la codificación numérica.

**21 How would you add a new user account to a system?**

Con el commando *useradd <user\_name>*

**22 In which directory will you find system-related configuration files?**

En la carpeta de */etc/*

**23 Which command would copy all files ending in .pdf in the current working directory to the Documents directory?**

Suponiendo que la carpeta Documents está en la misma ubicación

*cp \*.pdf Documents/*

Si no está en la misma ubicación se agregaría el path complete.

**24 We need to locate a file named latest.txt in the directory /var/logs. Which command would we use?**

Con el comando *find /var/log/latest.txt*

**25 Which directory contains filesystem management utilities such as cp or mv?**

En la carpeta /usr/bin

**26 An application has the 666 permissions set on it:**

**Yet it does not run. Why is that?**

No tiene los permisos de ejecución ni el propietario, ni el grupo ni ningún otro usuario, solamente de lectura (*r*) y escritura (*w*)

**27 You need to delete the /APP directory within your user’s home directory. Given that it has child folders and files in it, which is the best command to do this?**

Utilizando el comando rm para remover, pero con las flags para borrar todo el contenido con:

*rm –rf ~/APP*

**28 What directory would the ~ character represent?**

Representa el home del usuario loggeado.

**29 What file might we look at to view our most recently entered shell commands?**

En el archive ubicado en el home llamado *.bash\_history*