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Theoretical Exam:                                                                               Each question has 1 mark

1. What is Open Source Operating System?

Ans: Opene source is free and available to everyone free of cost.

2. List default text editors of terminal.

Ans: Nano, vi or vim

3. What is the use of "tail" command?

Ans: tail commans use for the to show all line(contain).

4. Which command is used to print current/working directory?

Ans: pwd

5. Which command is used to know IP address of system?

Ans: $ iconfig; or $ hostname i;

6. What is "/home" folder?

Ans: /home folder is use for the user and superuser .

7. Write down the path of apache configuration file.

Ans: etc/apache/config/httpd.conf

8. In which folder MySQL & Apache error log has been saved?

Ans: var/lib/mysql/error.log and var/log/apache/error.log

9. "chmod 757 test.php" What is "7" stands for?

Ans: 7 means red , write and execute permitions

10. Which command is used to change group ownership of file/directory?

Ans: $ chgrp xyz file/directory or $ chwon: xyz file/directory

11. What is "sudo" user?

Ans: sudo is use the superuser , sudo mens it secure.

12. Write a command to create ubuntu user.

Ans: # adduser xyz

13. Which ports are used by Apache and MySQL?

Ans: port 80

14. Write a command to restart "Apache & MYSQL" server.

Ans: $ sudo systemctl restart apche2

15. Write a ssh command for making connection on 192.168.1.115. Use "plus91" as a user.

Ans : [plus91@192.168.1.115](mailto:plus91@192.168.1.115) :$ssh

Practical Exam:

1. Write a script to find running version of "Apache, MySQL, PHP and Ubuntu".            3 Marks

Ans: $ apache2 –v, $Mysql –v ,php –v ,ubantu-v

2. Write a script to generate all database backup. Backup file path should be  "/var/www/all\_db\_backup.sql".                                      3 Marks

Ans: mysqlddump –u[username]-p[password]databasename >"/var/www/all\_db\_backup.sql

3. Make a cronjob to run database backup script everyday at 11:30 PM.                               2 Marks

Ans: 30 23 \* \* \* or

30 23 \* \* 1-7

4. Install "teamviewer\_linux\_x64.deb" through terminal. "teamviewer\_linux\_x64.deb" is kept on "temp" folder.                              2 Marks

Ans open terminal ctl+alt+t ,login

$ yum install teamviewer\_linux\_x64.deb