**June 2021 Session**

# Test of LINUX CA BA1A | BA1B

Level: I          Academic year: 2020/2021          Branch: Software Engineering          Duration: 02h

1.) Define Virtualization

2.) Describe and contrast  3 main implications of virtualization

3.) Describe the installation of a any Linux Distribution  of your choice

4.) Given the directory structure below, using the terminal
Main/sub1/
        /sub2/sub6
        /sub3/sub4/sub5

    4.1) create the above directory structure with one command
    4.2) which is the main parent directory.
    4.3) create a file test1 inside the last sub6  directories
    4.4) delete the main parent directory.


5.) Create a bash program to receive 3 numbers
    a.) Compare the first and last number. And display the biggest
    b.) Computer the float the second number divided by the third number.

6.) The file beta.txt exist in the root directory, write the command to move it to the Desktop.
    a.   Create a folder main and transfer the file "beta" into that folder
    b.   Remain the file to "final"

7.) Show the entire content of the user home directory including hidden files

source : Zepythagore.com