

END OF SEMESTER EXAMINATION

February 2021 session

Introduction to GNU / Linux

Level: I Academic year: 2020/2021 Stream: SE Duration: 02h

EXERCISE: MCQ

The test consists of 10 questions worth 01 point each. From the answers provided, choose the most accurate. Correct answer 01 point, wrong answer -0.25 point, no answer 0 point.

NB: For each question, write only the number of the question followed by the letter corresponding to the correct answer.

- 1) What does GNU mean
a) GNU's Not Unix b) Gnome Netbeans UNIX C) Global Network of UNIX d) no correct answer
- 2) By default, a Linux user belongs to which group
a) Personal b) root c) same as user d) home
- 3) Which of the following commands is used to change the user's password?
a) passwd b) password c) Passwd d) pass e) pwd
- 4) In what year did the development of the linux kernel take place?
a) 1991 b) 1984 c) 1969
- 5) What is the role of the kernel / kernel in an operating system?
a) Interpret user commands b) manage application modules c) Manage task distribution and input / output
- 6) What is the command to change the permission of a file
a) chgrp b) chmod c) chown d) CHMOD
- 7) Which option of the "mkdir" command permits you to create, dir2, rep3 if the path is "dir1 / dir2 / dir3"?
a) -r b) -p C) -y d) -t
- 8) How do you rename the file "toto" to "tata"?
a) \$ cp toto tata b) \$ move toto tata c) \$ mv toto tata d) \$ rn toto tata
- 9) Which of the following commands will allow the user to search a file for a particular expression?
a) Ls b) Is c) grep d) find e) touch
- 10) Which command is used to show all files including hidden files in your directory and its subdirectories?
a) ls -aR b) Ls -R c) ls -a d) ls -l

EXERCISE: STRUCTURAL

- 11.) Write one command on the bash terminal that receives an input and tells you if it is an ODD or Even Number. **2Mks**
- 12.) What is the role of Alias and give the syntax to create and delete one..... **1.5mks**
- 13.) Write one command on the bash to display just the IP address of your computer.....**1.5mks**
- 14.) Write one command on the bash to delete a file and show "success" upon deleting the file and "Error Does Not Exist" if file was not found.....**1mks**
- 15.) Write one command on the bash to concatenate two files.text1 and text2**1mks**
- 16.) Write one command on the bash to display the last 50 commands you executed and save the result in a file. **1mks**
- 17.) With one command create the following Directory tree.....**1mks**
Dave/peter/mars
/paul/Jupiter/mine
- 18.) Remove the parent Directory Dave you created with its entire content.....**1mks**