**Higher National Diploma in Information Technology**

**Assignment Title**

2017 past paper &Answers

**Lecturer Name :**

Mr.K.Haris Selvakumar

**Subject :**

Free Open Source System

**Subject Code :**

HNDIT 2402

**HNDIT – 2018 (ATI Batticaloa)**

**Group members**

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**Higher National Diploma in Information Technology**

**Second Year, Second Semester Examination – 2017**

**HNDIT2402 Free and Open Source Systems**

**Question 03**

1. What is the usage of following two terminal commands in Linux (4 marks)
2. *Free*

***To display free and used memory 02 marks***

1. *Top*

***Linux displays the running processes on the system.***

***It displays a listing of the most CPU-intensive tasks on the system.***

***It can sort the tasks by CPU usage, memory usage and runtime.***

***If we would like to get a snapshot of what is currently happening on the system we may use a program called top. Any 02 answers, 02 marks***

1. Assumed you have opened the terminal and now you are in your home directory

SLIATE

ATI\_Kandy

ATI\_Jaffna

ATI\_TrincoOo

1. Write down Linux commands to create the above directory structure. (5 marks)

* ***Mkdir SLIATE 1 mark***
* ***Cd SLIATE 2 marks***
* ***Mkdir ATI\_Kandy,ATI\_Jaffna,ATI\_Trinco 2 marks***

1. Write down Linux commands to view the contents of ATI\_Kandy folder. (2 marks)

* ***Cd SLIATE/ATI\_Kandy***

***Or***

* ***Cd ATI\_Kandy 1 mark***
* ***And type ls 1 mark***

1. What is the output if you type “pwd” inside ATI\_Kandy folder (2 marks)

***It will display the location which is ATI\_Kandy directory is exist***

1. Write down Linux commands to delete the ATI-Kandy folder. (2 marks)

**Rmdir ATI\_Kandy**

1. Assumed you have word document called “***studentinfor.doc***” inside ATI\_Jaffna directory. Write down Linux commands to copy it to the ATI-Trinco directory.

***Go to ATI \_Jaffna directory 1 mark***

***CD ATI\_Jaffna***

***Cp studentinfor.doc full path for ATI\_trinco directory***

***Cp studentinfor.doc home/SLAITE/ATI\_Trinco 3 marks***  (4 marks)

1. Assumed you have opened the terminal and now you are in your home directory. In your home directory there is a text file named as ***atidata.txt***. (6 marks)
2. Write a command to find the word ***computer*** in ***atidata.txt*** file using **grep**.

***grep ‘computer’ atidata.txt***

1. How to open ***myInfo.txt*** file in append mode using **cat** command.

***cat >> myInfo.txt***

1. Rename the file ***atidata.txt*** as ***atiinformaton.txt*** using command.

***Mv atidata.txt atinformation.txt***