CS 232 Operating Systems – Fall 2023

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Quiz 3 - Solution

Name: _____   **Date:** 6 September 2023

Regn. No. : _____

Circle the correct answer.

Q1) Which of the following commands will print the first 20 lines of the file /etc/passwd?   2 marks

(a)   cat /etc/passwd | head -20   (b)   tail /etc/passwd

(c)   head /etc/passwd   (d)   cat /etc/passwd | tail -20

Q2) Which of the following commands will count the number of lines in the file /etc/passwd? 2 marks

(a)   wc -w /etc/passwd   (b)   cat /etc/passwd | wc -l

(c)   grep -c /etc/passwd   (d)   cat /etc/passwd | grep -c

Q3) Which of the following commands will print the lines in the file /etc/passwd that start with the letter u?   2 marks

(a)   grep -c ^u /etc/passwd   (b)   cat /etc/passwd | grep -c ^u

(c)   cat /etc/passwd | grep ^u   (d)   grep -l ^u /etc/passwd

Q4) Which of the following commands will print the lines in the file /etc/passwd that contain the string root and then pipe the output to the command wc to count the number of lines?   2 marks

(a)   cat /etc/passwd | grep -l root | wc -l   (b)   grep /etc/passwd | cat root | wc -l

(c)   cat /etc/passwd | wc -l | grep root   (d)   grep root /etc/passwd | wc -l

Q5) Using the `ls -l` command returned the flag `drwxr-xr-x`. What does it tell you?   2 marks

(a)   Its for a hidden file   (b)   Its for a directory

(c)   Its for a guest user   (d)   Its for a deleted file