**Practical 1:**

1. Which of these statements about open source software are true? (Select all that apply.)
2. Its source code is accessibility by all
3. Users have the right to modify and redistribute it
4. It it available at zero price
5. It cannot be updated
6. Which of these statements apply to Linux? (Select all that apply.)
7. Increased security
8. Proprietary in nature
9. Customizable
10. Easy licensing procedure
11. High cost
12. What are the advantages of Linux? (Select all that apply.)
13. Enables software to be customized
14. Comes with strong single-vendor support
15. Increases the likelihood of bugs being detected because of increased numbers of programmers who can view the code.
16. Fosters a community among users and a sense of shared responsibility for the software
17. What does the **pwd** command accomplish?
18. It prints the name of the working directory.
19. It changes the name of the working directory.
20. It prints wide displays on a narrow paper.
21. It parses web page URLs for display.
22. Write the output for date command using each of the following format:
    1. $date “ +This is the date”

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. $date “+This is the date: %B”

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write a command to show the date using each of the following format:
   1. Date: 30 October 2017

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. Today is Friday (30/10/2017)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* 1. Date Today: 30-10-2017 & Time Now: 12:30 PM

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Determine and explain the result of the following commands:
   1. wall \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. echo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. uname \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. last \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. hostname \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write command(s) based on the following scenario:
   1. To display the manual for the **sed** command \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. To check the name of the Linux system \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. To clear terminal screen and exit the terminal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. To view for the current month calendar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. To show the summary of **gzip** command \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Fill in the following UNIX commands:

| **Command** | **Function** | **Note** |
| --- | --- | --- |
|  | To list the date and time of the server. |  |
|  | To set time and date to the value specified.  Eg. “11/20/2003 12:48:00**”** |  |
|  | To show calendar of the specified month and year. |  |
|  | To provide in depth information about the requested command. |  |
|  | To search for commands related to a particular keyword. |  |
|  | To display a short help file. |  |
|  | To clear the screen. |  |
|  | To displays the name of the current working directory. |  |
|  | To become super user or another user. |  |
|  | To allow a user to execute a command as the superuser. |  |
|  | To leave the current shell session. |  |