**NDG Linux Essentials 2.0 Chapter 10 Exam Answers**

1. **Error messages generated by commands are sent where by default?**
   * STDERR
   * STDIN
   * Log files
   * STDOUT
2. **A successful command may, or may not print output to STDOUT.  
   True or False?**
   * True
   * False
3. **Which of the following commands will direct error messages to the file, error.log?**
   * ls /root >> error.log
   * ls /root > error.log
   * ls /root 2> error.log
   * ls /root $> error.log
4. **A pipe allows you to…**
   * …send the same input to multiple commands.
   * …type multiple commands at one prompt.
   * …send the output of one command to another.
   * …send the output of a command to a file.
5. **Channel 2 is:**
   * STDOUT
   * STDALL
   * STDERR
   * STDIN
6. **Which of the following commands will append its output to output.file?**
   * echo Testing >> output.file
   * echo Testing > output.file
   * output.file < echo Testing
   * echo Testing -> output.file
7. **Which command(s) can be used to sort the lines of list.file alphabetically and display it on the screen?**

**(choose two)**

* + sort < list.file
  + cat list.file >> sort
  + echo list.file > sort
  + cat list.file | sort

1. **Which option of the head command will display only the first five lines of a file?**
   * No option needed; head displays only five lines by default.
   * -n
   * -l 5
   * -n 5
2. **The grep command…**
   * …will display all the lines that begin with the specified Regular Expression.
   * …will display all the lines in a file containing the specified Regular Expression.
   * …will display the line numbers in a file that contain a specified Regular Expression.
   * …is not case sensitive.
3. **The grep command can be used with glob characters.**

**True or False?**

* + True
  + False

1. **Which of the following commands will display only lines that begin with start?**
   * grep \start file.txt
   * grep $start file.txt
   * grep \*start file.txt
   * grep ^start file.txt
2. **Which of the following commands will display only lines that begin with test?**
   * grep $test\* file.txt
   * grep \*test file.txt
   * grep &test file.txt
   * grep ^test file.txt
3. **Which of the following commands will display lines that contain either start or end?**
   * egrep ‘start|end’ file.txt
   * egrep (start|end) file.txt
   * egrep start end file.txt
   * egrep start&end file.txt
4. **Which of the following commands can be used to scroll through a text file?**

**(choose two)**

* + some
  + more
  + cat
  + less

1. **Which option for the cut command is used to specify a delimiter?**
   * -D
   * -f
   * =
   * -d
2. **Which option for the cut command is used to specify the field?**
   * -d
   * #
   * -D
   * -f
3. **Which option for the wc command will print the number of lines in a file?**
   * -w
   * -l
   * -L
   * -C
4. **Which option for the wc command will print the total number of words in a file?**
   * -l
   * -C
   * -L
   * -w
5. **Which command can be used to print line numbers?**
   * num
   * nl
   * ln
   * sort
6. **The command echo "text" > file.txt will create file.txt if it does not already exist.**

**True or False?**

* + True
  + False

1. **The command echo "text" > file.txt will not overwrite file.txt if it already exists.**

**True or False?**

* + True
  + False

1. **The command echo "text" >> file.txt will not overwrite file.txt if it already exists.**

**True or False?**

* + True
  + False

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