JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
III B.Tech. I Sem., I Mid-Term Examinations, September – 2011
LINUX PROGRAMMING
Objective Exam

Name: _____ Hall Ticket No. ☐☐☐☐☐ A ☐☐☐☐

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I   Choose the correct alternative:

1.   What command is used to count the total number of lines, words, and characters contained in a
        file?   [   ]
        a) countw   b) wcount   c) wc   d) count p

2.   What command is used to sort the lines of data in a file in alphabetical order?   [   ]
        a) sort – r   b) st   c) sh   d) sort

3.   Which command is used to clear the screen?   [   ]
        a) clear   b) %clear   c) %clrscr   d) either a or c

4.   In shell script $# tells   [   ]
        a) total number of parameters passed to the shell script
        b) the first parameter passed to the shell script
        c) last parameter to the shell script
        d) none

5.   If command checks   [   ]
        a) Exit status of a command   b) value of a command
        c) Checks condition true or false   d) all

6.   [-n string] checks for   [   ]
        a) True if length is zero   b) true is length is greater than zero
        c) True if the value is zero   d) true if string is not null string

7.   The first thing that is searched when a command   references a file is its   [   ]
        a) i-node   b) inode number   c) permission setting   d) none

8.   Differences between system calls and library function   [   ]
        a) System calls are part of OS   b) Library calls are adds-on
        c) library functions invoke system calls   d) all

9.   What command is used to remove the directory?   [   ]
        a) rdir   b) remove   c) rd   d) rmdir

10.   Which character is used to match exactly one character?   [   ]
        a) | b) *   c) ^   d) ?

II   Fill in the blanks

11.   _____command is used to remove files

12.   _____ command is used to search files for specified words or patterns.

13.   Total number of positional parameters that can be passed in shell script are _____.

14.   In the if statement value for success is_____.

15.   Giving output of one command to another command is called as _____.

16.   Process is _____.

17.   File descriptors for standard output is _____.

18.   The basic function of _____ is to search files for lines (or other units of text) that contain a pattern.

19.   _____command changes the group id of a file.

20. $mount displays _____.

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Code No: 55050   **Set No. 2**

Name: _____ Hall Ticket No. ☐☐☐☐☐ A ☐☐☐☐

Answer All Questions. All Questions Carry Equal Marks.Time: 20 Min. Marks: 10.

I   Choose the correct alternative:

1.   In shell script $# tells   [   ]
       a) total number of parameters passed to the shell script
       b) the first parameter passed to the shell script
       c) last parameter to the shell script
       d) none

2.   If command checks   [   ]
       a) Exit status of a command   b) value of a command
       c) Checks condition true or false   d) all

3.   [-n string] checks for   [   ]
       a) True if length is zero   b) true is length is greater than zero
       c) True if the value is zero   d) true if string is not null string

4.   The first thing that is searched when a command   references a file is its   [   ]
       a) i-node   b) inode number   c) permission setting   d) none

5.   Differences between system calls and library function   [   ]
       a) System calls are part of OS   b) Library calls are adds-on
       c) library functions invoke system calls   d) all

6.   What command is used to remove the directory?   [   ]
       a) rdir   b) remove   c) rd   d) rmdir

7.   Which character is used to match exactly one character?   [   ]
       a) | b) *   c) ^   d) ?

8.   What command is used to count the total number of lines, words, and characters contained in a
       file?   [   ]
       a) countw   b) wcount   c) wc   d) count p

9.   What command is used to sort the lines of data in a file in alphabetical order?   [   ]
       a) sort – r   b) st   c) sh   d) sort

10.   Which command is used to clear the screen?   [   ]
       a) clear   b) %clear   c) %clrscr   d) either a or c

II   Fill in the blanks

11.   In the if statement value for success is_____.

12.   Giving output of one command to another command is called as _____.

13.   Process is _____.

14.   File descriptors for standard output is _____.

15.   The basic function of _____ is to search files for lines (or other units of text) that contain a pattern.

16.   _____command changes the group id of a file.

17. $mount displays _____.

18.   _____command   is used to remove files

19.   _____ command is used to search files for specified words or patterns.

20.   Total number of positional parameters that can be passed in shell script are _____.

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Code No: 55050   **Set No. 3**

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Name: _____ Hall Ticket No. ☐☐☐☐☐ A ☐☐☐☐

Answer All Questions. All Questions Carry Equal Marks.Time: 20 Min. Marks: 10.

I   **Choose the correct alternative:**

1.   [-n string] checks for   [   ]
   a) True if length is zero   b) true is length is greater than zero
   c) True if the value is zero   d) true if string is not null string

2.   The first thing that is searched when a command   references a file is its   [   ]
   a) i-node   b) inode number   c) permission setting   d) none

3.   Differences between system calls and library function   [   ]
   a) System calls are part of OS   b) Library calls are adds-on
   c) library functions invoke system calls   d) all

4.   What command is used to remove the directory?   [   ]
   a) rdir   b) remove   c) rd   d) rmdir

5.   Which character is used to match exactly one character?   [   ]
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6.   What command is used to count the total number of lines, words, and characters contained in a file?   [   ]
   a) countw   b) wcount   c) wc   d) count p

7.   What command is used to sort the lines of data in a file in alphabetical order?   [   ]
   a) sort – r   b) st   c) sh   d) sort

8.   Which command is used to clear the screen?   [   ]
   a) clear   b) %clear   c) %clrscr   d) either a or c

9.   In shell script $# tells   [   ]
   a) total number of parameters passed to the shell script
   b) the first parameter passed to the shell script
   c) last parameter to the shell script
   d) none

10.   If command checks   [   ]
   a) Exit status of a command   b) value of a command
   c) Checks condition true or false   d) all

II Fill in the blanks

11. Process is _____.

12. File descriptors for standard output is _____.

13. The basic function of _____ is to search files for lines (or other units of text) that contain a pattern.

14. _____command changes the group id of a file.

15. $mount displays _____.

16. _____command   is used to remove files

17. _____ command is used to search files for specified words or patterns.

18. Total number of positional parameters that can be passed in shell script are _____.

19. In the if statement value for success is_____.

20. Giving output of one command to another command is called as _____.

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      c) library functions invoke system calls   d) all

2.   What command is used to remove the directory?   [   ]
      a) rdir   b) remove   c) rd   d) rmdir

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9.   [-n string] checks for   [   ]
      a) True if length is zero   b) true is length is greater than zero
      c) True if the value is zero   d) true if string is not null string

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      a) i-node   b) inode number   c) permission setting   d) none

II   Fill in the blanks

11.   The basic function of _____ is to search files for lines (or other units of text) that contain a pattern.

12.   _____command changes the group id of a file.

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