

Evaluation: 20 Questions

Name: _____

Important Instructions

1. Read all instructions and both sides of the page.
2. Manage your time when answering questions on this test.
Answer the questions you know, first.

Multiple Choice - 20 Questions

(Office use only: 10 20 47 1 11 9 3 12 5 8 18 19 2 6 17 14 16 15 13)

1. If directory `/a` contains these seven two-character file names: `aa`, `ab`, `ac`, `ad`, `a?`, `a*`, `a.`, then which shell command below will remove only the single name `a*` from the directory (and no others)?
 - a. `rm /a/a*`
 - b. `rm /a/a*`
 - c. `rm /a/*`
 - d. `rm /a*`
 - e. `rm /a/a?`
2. What would you type to change the permissions on a file to `--x-wx-w-`?
 - a. `chmod 121 file`
 - b. `chmod 122 file`
 - c. `chmod 132 file`
 - d. `chmod 654 file`
 - e. `chmod 322 file`
3. Which command below removes *only* this four-character file name containing a special character (and no others): `*xyz`
 - a. `rm '*xyz'`
 - b. `rm '*xyz'`
 - c. `rm ''*xyz`
 - d. `rm ''*xyz''`
 - e. `rm *xyz`
4. If I have a directory owned by me named `/a/b/c/d`, which of the following actions would increase its *link count* by exactly one?
 - a. create one subdirectory named `/a/b/c/d2`
 - b. create one subdirectory named `/a/b/c/d/e`
 - c. create one file named `/a/b/c/d/e`
 - d. create one subdirectory named `/a/b/c/d`
 - e. create one file named `/a/b/c/d2`

5. In the output of the command `ls -a`, a dot that begins a name signifies what?
 - a. A current file.
 - b. The current directory.
 - c. The parent directory.
 - d. A name that is hidden.
 - e. A name with an unprintable character.
6. What would you type to change the permissions on a file to `rw-r-xr--`?
 - a. `chmod 530 file`
 - b. `chmod 221 file`
 - c. `chmod 654 file`
 - d. `chmod 351 file`
 - e. `chmod 212 file`
7. Given an existing file of yours named `/a/x`, what is the output of this sequence of three shell commands:
`echo hi >/a/x ; sort /a/x >/a/x ; wc /a/x`
 - a. no output
 - b. `2 2 4 /a/x`
 - c. `1 1 3 /a/x`
 - d. `0 0 0 /a/x`
 - e. `1 1 2 /a/x`
8. Which command below removes *only* this four-character file name containing a special character (and no others): `abc*`
 - a. `rm abc*`
 - b. `rm abc/**`
 - c. `rm abc*`
 - d. `rm abc/*`
 - e. `rm abc**`
9. If you type the command `cat` which of the following key sequences will send an EOF and take you immediately back to the command prompt?
 - a. [CTRL-C]
 - b. [CTRL-I]
 - c. [CTRL-R]
 - d. [CTRL-U]
 - e. [CTRL-D]
10. How many arguments are there to this `echo` command:
`echo ' one two ' three ' four ' 5'6'`
 - a. Four arguments.
 - b. Five arguments.
 - c. Nine arguments.
 - d. One argument.
 - e. Six arguments.

11. Which of the following is true, given this long directory listing:
`drwxr-x--x 71 ian user 512 May 30 12:35 dir`
- The number 512 is the count of links (names) this directory has.
 - The number 71 is the size of this directory.
 - The number 71 is the count of links (names) this directory has.
 - The number 512 is the inode number of this directory.
 - The number 71 is the inode number of this directory.
12. Which of the following is true, given this long directory listing:
`drwxr-x--x 512 ian user 712 May 30 12:35 dir`
- The number 512 is the inode number of this directory.
 - The number 512 is the count of links (names) this directory has.
 - The number 712 is the count of links (names) this directory has.
 - The number 712 is the inode number of this directory.
 - The number 512 is the size of this directory.
13. Given an existing file of yours named `wc`, what is the output of this sequence of three shell commands: `echo hi >wc ; sort wc >wc ; cat wc`
- `2 2 4 wc`
 - `1 1 3 wc`
 - `1 1 2 wc`
 - no output
 - `0 0 0 wc`
14. If you type the command `sleep 60` which of the following key sequences will interrupt it and take you immediately back to the command prompt?
- [CTRL-I]
 - [CTRL-C]
 - [CTRL-R]
 - [CTRL-U]
 - [CTRL-D]
15. If `foo` is a sub-directory that contains only the file `single`, what happens after this command: `mv ./foo/single foo/./double`
- the directory `foo` now contains only a file named `double`
 - the command fails because the name `foo/./double` does not exist
 - there is a second copy of the file `single` in the file named `double`
 - the command fails because the name `double` does not exist
 - the directory `foo` is now empty

16. If I have a directory owned by me named `/a/b/c/7`, which of the following actions would increase its *link count* by exactly one?
- create one subdirectory named `/a/b/c/d/e`
 - create one subdirectory named `/a/b/c/7/d2`
 - create one file named `/a/b/c/7/d2`
 - create one subdirectory named `/a/b/c/7e`
 - create one file named `/a/b/c/7de`
17. Which command below removes *only* this five-character file name containing a special character (and no others): `*test`
- `rm ./*test`
 - `rm ./*test`
 - `rm '*test'`
 - `rm "**test"`
 - `rm *test`
18. If `cow` is a sub-directory that contains only the file `dog`, what happens after this command: `mv cow/dog cow/././cat`
- the command fails because the name `cow/././cat` does not exist
 - the directory `cow` is now empty
 - the directory `cow` now contains only a file named `cat`
 - the command fails because the name `cat` does not exist
 - there is a second copy of the file `dog` in the file named `cat`
19. How many arguments are there to this `echo` command:
`echo " one '2 three' 4 "five 6 ' 7 "8 ' >out`
- Six arguments.
 - Five arguments.
 - Four arguments.
 - Three arguments.
 - Two arguments.
20. Which command below removes *only* this five-character file name containing a special character (and no others): `date?`
- `rm ./date?`
 - `rm ./date\?`
 - `rm date\?`
 - `rm date*`
 - `rm date/?`

**Answer Key - DAT 2330 – Ian Allen – Spring 2003 - DAT 2330
Practice Test - 0%**

Office use only: 10 20 4 7 1 11 9 3 12 5 8 18 19 2 6 17 14 16 15 13

1. a
2. c
3. b
4. b
5. d
6. c
7. d
8. a
9. e
10. a
11. c
12. b
13. d
14. b
15. e
16. b
17. d
18. c
19. d
20. b

Count of a: 3 15%
Count of b: 6 30%
Count of c: 4 20%
Count of d: 5 25%
Count of e: 2 10%

With 5 choices: 20

1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19
20

Macro .cmd splits: 5
Macro .ans splits: 0