

# LPI 102-400 Exam

Volume: 119 Questions

Question No: 1

What output will the following command sequence produce?

```
echo '1 2 3 4 5 6' | while read a b c; do  
echo result: $c $b $a;  
done
```

- A. result: 3 4 5 6 2 1
- B. result: 1 2 3 4 5 6
- C. result: 6 5 4
- D. result: 6 5 4 3 2 1
- E. result: 3 2 1

Answer: A

Question No: 2

When the command `echo $` outputs 1, which of the following statements is true?

- A. It is the process ID of the echo command.
- B. It is the process ID of the current shell.
- C. It is the exit value of the command executed immediately before echo.
- D. It is the exit value of the echo command.

Answer: C

Question No: 3 CORRECT TEXT

What word is missing from the following SQL statement?

```
insert into table name _____(909, 'text');
```

(Please specify the missing word using lower-case letters only.)

Answer: VALUES, values

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Question No: 4

Which command makes the shell variable named VARIABLE visible to subshells?

- A. export \$VARIABLE
- B. export VARIABLE
- C. set \$VARIABLE
- D. set VARIABLE
- E. env VARIABLE

Answer: B

Question No: 5

What output will the command seq 10 produce?

- A. A continuous stream of numbers increasing in increments of 10 until stopped.
- B. The numbers 1 through 10 with one number per line.
- C. The numbers 0 through 9 with one number per line.
- D. The number 10 to standard output.

Answer: B

Question No: 6 CORRECT TEXT

By default, the contents of which directory will be copied to a new user's home directory when the account is created by passing the -m option to the user add command? (Specify the full path to the directory.)

Answer: /etc/skel

Question No: 7 CORRECT TEXT

What word is missing from the following SQL statement?

\_\_\_\_\_ count(\*) from table name;

(Please specify the missing word using lower-case letters only.)

Answer: select

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Question No: 8

After issuing:

```
function myfunction { echo $1 $2 ; }
```

in Bash, which output does:

```
myfunction A B C
```

Produce?

- A. A B
- B. A B C
- C. A C
- D. B C
- E. C B A

Answer: A

Question No: 9

Which of the following commands puts the output of the command `date` into the shell variable `mydate`?

- A. `mydate="$(date)"`
- B. `mydate="exec date"`
- C. `mydate="$((date))"`
- D. `mydate="date"`
- E. `mydate="${date}"`

Answer: A

Question No: 10

Which of the following files, when existing, affect the behavior of the Bash shell? (Choose TWO correct answers.)

- A. `~/.bashconf`
- B. `~/.bashrc`

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C. ~/.bashdefaults

D. ~/.bash\_etc

E. ~/.bash\_profile

Answer: B,E

Question No: 11

What is the difference between the commands `test -e path` and `test -f path`?

A. They are equivalent options with the same behaviour.

B. The `-f` option tests for a regular file. The `-e` option tests for an empty file.

C. Both options check the existence of the path. The `-f` option also confirms that it is a regular file.

D. The `-f` option tests for a regular file. The `-e` option tests for an executable file.

Answer: C

Question No: 12

How can the existing environment variable `FOOBAR` be suppressed for the execution of the script `./myscript` only?

A. `unset -v FOOBAR;./myscript`

B. `set -a FOOBAR="";./myscript`

C. `env -u FOOBAR./myscript`

D. `env -i FOOBAR./myscript`

Answer: C

Question No: 13

When the command `echo $$` outputs 12942, what is the meaning of 12942?

A. It is the process ID of the `echo` command.

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- B. It is the process ID of the current shell.
- C. It is the process ID of the last command executed.
- D. It is the process ID of the last command which has been placed in the background.

Answer: B

Question No: 14

What output will the following command produce?

```
seq 1 5 20
```

- A. 1 6 1 1 1 6
- B. 1 5 10 15
- C. 1 2 3 4
- D. 2 3 4 5
- E. 5 10 15 20

Answer: A

Question No: 15

Which of the following words is used to restrict the records that are returned from a SELECT SQL query based on a supplied criteria for the values in the records?

- A. CASE
- B. FROM
- C. WHERE
- D. IF

Answer: C

Question No: 16

Which of the following commands lists all defined variables and functions within Bash?