

# LPI

## 102-500 Exam

**LPIC-1 System Administrator Exam 102, Part 2 of 2, version 5.0  
Exam**

**Questions & Answers  
(Demo Version – Limited Content)**

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# Version: 8.0

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## Question: 1

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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

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**Answer: A**

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## Question: 2

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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.

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**Answer: C**

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## Question: 3

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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`

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**Answer: B**

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**Question: 4**

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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.

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**Answer: B**

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**Question: 5**

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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**

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**Question: 6**

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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}"`

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**Answer: A**

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**Question: 7**

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

- A. ~/.bashconf
- B. ~/.bashrc
- C. ~/.bashdefaults
- D. ~/.bash\_etc
- E. ~/.bash\_profile

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**Answer: B, E**

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**Question: 8**

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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.

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**Answer: C**

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**Question: 12**

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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`

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**Answer: C**

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**Question: 9**

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

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

- 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.

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**Answer: B**

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**Question: 10**

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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

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**Answer: A**

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