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**Vendor:**Lpi

**Exam Code:**010-160

**Exam Name:**Linux Essentials Certificate Exam -  
version 1.6

**Version:**Demo

### QUESTION 1

Which of the following outputs comes from the command free?

A. A. 21:04:15 up 14 days, 7:43, 3 users, load average: 0.89, 1.00, 0.99

B. avg-cpu: %user %nice %system %iowait %steal %idle  
34.04 0.03 13.00 1.06 0.00 50.99

C. Filesystem Size Used Avail Use% Mounted on  
/dev/mapper/vg\_ssd-root 25G 20G 3.6G 85% /

D. 1.8M /tmp

E. total used free shared buff/cache available  
Mem: 16123128 12565680 2011624 412128 1545824 7180416

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: E

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### QUESTION 2

Which package management tool is used in Red Hat-based Linux Systems?

A. portage B. rpm

C. apt-get

D. dpkg

E. packagectl

Correct Answer: B

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### QUESTION 3

What happens to a file residing outside the home directory when the file owner's account is deleted? (Choose two.)

- A. During a file system check, the file is moved to /lost +found.
- B. The file is removed from the file system.
- C. The UID of the former owner is shown when listing the file's details.
- D. The user root is set as the new owner of the file.
- E. Ownership and permissions of the file remain unchanged.

Correct Answer: CE

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#### QUESTION 4

A directory contains the following three files:

texts 1.txt texts 2.txt texts 3.csv

Which command copies the two files ending in .txt to the /tmp/ directory?

- A. cp ?? .txt /tmp/
- B. cp \* .txt /tmp/
- C. cp. \.txt /tmp/
- D. cp ? .txt /tmp/
- E. cp \$? .txt /tmp/

Correct Answer: B

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#### QUESTION 5

Which of the following commands adds the directory /new/dir/ to the PATH environment variable?

- A. \$PATH=/new/dir: \$PATH
- B. PATH=/new/dir: PATH
- C. export PATH=/new/dir: PATH
- D. export \$PATH=/new/dir: \$PATH
- E. export PATH=/new/dir: \$PATH

Correct Answer: E

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#### QUESTION 6

A directory contains the following files:

a.txt

b.txt

c.cav

What would be the output of the following shell script? for file in \*.txt

```
do
```

```
    echo $file
```

```
done
```

- A. \*.txt
- B. a b
- C. c.cav
- D. a.txt
- E. a.txt
- F. txt

Correct Answer: E

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### QUESTION 7

A user is currently in the directory /home/user/Downloads/ and runs the command

```
ls ../Documents/
```

Assuming it exists, which directory's content is displayed?

- A. /home/user/Documents/
- B. /home/user/Documents/Downloads/
- C. /home/user/Downloads/Documents/
- D. /Documents/
- E. /home/Documents

Correct Answer: D

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### QUESTION 8

Which of the following commands creates the ZIP archive poems.zip containing all files in the current directory whose names end in .txt?

- A. `zip *.txt > poems.zip`
- B. `zcat *.txt poems.zip`
- C. `zip poems.zip *.txt`
- D. `zip cfz poems.zip *.txt`
- E. `cat *.txt | zip poems.zip`

Correct Answer: C

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### QUESTION 9

Which of the following commands shows the absolute path to the current working directory?

- A. `who`
- B. `cd ..`
- C. `pwd`
- D. `ls -l`
- E. `cd ~/home`

Correct Answer: C

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### QUESTION 10

What is true about links in a Linux file system?

- A. A symbolic link can only point to a file and not to a directory.
- B. A hard link can only point to a directory and never to a file.
- C. When the target of the symbolic link is moved, the link is automatically updated.
- D. A symbolic link can point to a file on another file system.
- E. Only the root user can create hard links.

Correct Answer: D

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**QUESTION 11**

Which of the following programs is a graphical editor for vector graphics?

- A. Python
- B. NGINX
- C. Samba
- D. Inkscape
- E. MySQL

Correct Answer: D

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**QUESTION 12**

What is the return value of a shell script after successful execution?

- A. 1
- B. 0
- C. -1
- D. -255
- E. 255

Correct Answer: B