

## Quiz-2

### Kernel Modules and Device Management

#### Question 1:

Which statements are true?

**ans:**

- It is impossible to unload a kernel module being used by an application.
- It is impossible to unload a kernel module being used by another module

#### Question 2:

The **lsmod** utility shows for each loaded module (select all correct answers):

**ans:**

- How many processes depend on it
- Its size in bytes
- What other modules are using it

#### Question 3:

Udev (select all correct answers):

**ans:**

- Loads and unloads device drivers and other kernel modules as needed
- Stands for **U**ser **D**evice
- Is responsible for populating the **/dev** directory once the system is up and running.

#### Question 4:

Which command will ensure the **httpd** service (Apache) starts at system boot?

**ans:**

**sudo systemctl enable httpd.service**

## **Question 5:**

How could you ensure the **httpd** service (Apache) is restarted if it is already running, say to absorb a revised configuration file (select all correct answers)?

**ans:**

- **sudo systemctl stop httpd && sudo systemctl start httpd**
- **sudo systemctl restart httpd**