## Networking

**1.Question 1**

Which networking configuration interface is newer and has extended capabilities?

**ip**

**2.Question 2**

Using Predictable Network Interface Device Names (PNIDN) has come into use because:

* Many computers are no longer in one location; for example, laptops are on the move, and available interfaces are subject to change
* Hardware such as USB devices can be added and removed at runtime
* On modern systems, the order in which network hardware is found is less predictable

**3.Question 3**

Which command(s) will bring the network interface **eth0** up and assign an address to it?

* **sudo ip addr add 192.168.1.100 dev eth0**
* **sudo ifconfig eth0 up 192.168.1.100**

**4.Question 4**

You can see statistics for the **eth0** interface by (select all answers that apply):

* looking at **/sys/class/net/eth0/statistics**
* doing **sudo ip -s link show eth0**
* doing **sudo ifconfig eth0**

**5.Question 5**

What does MTU stand for?

* Maximum Transfer Unit (usually 1500 bytes by default) for Ethernet packets