1. Which networking configuration interface is newer and has extended capabilities?

Ans: ip

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

Ans:

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

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

Ans:

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

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

Ans:

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

5. What does MTU stand for?

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