Reflection Questions

1. If a PC in VLAN 10 sends a broadcast message, which devices receive it?

    All end devices on VLAN 10

2. If a PC in VLAN 20 sends a broadcast message, which devices receive it? **All end devices on VLAN 20**

3. If a PC in VLAN 30 sends a broadcast message, which devices receive it?
    All end devices on VLAN 30

4. What happens to a frame sent from a PC in VLAN 10 to a PC in VLAN 30? **It will be dropped because they are not on the same VLAN.**

5. Which ports on the switch light up if a PC connected to port 11 sends a unicast message to a PC connected to port 13?
    Ports 11 and 13 will light up.

6. Which ports on the switch light if a PC connected to port 2 sends a unicast message to a PC connected to port 23?
    The packet will be dropped.

7. In terms of ports, what are the collision domains on the switch? **Each port is its own collision domain.**

8. In terms of ports, what are the broadcast domains on the switch? **Each VLAN is its own broadcast domain.**