**Turdalin Nurassyl LAB5**

**9.3.4**

**PART 1**

1. ND (Neighbor Discovery) requests information about MAC addresses of other devices
2. ICMPv6 Echo Message Type: 128
3. Destination address changed to multicast address of FF02::1:FF00:B
4. Src Add: PCA1 MAC – 0001.427E.E8ED. Dest Add: 3333.FF00.000B. It’s special MAC address when we doesn’t know MAC addresses
5. No. Switch doesn’t change the frame.
6. DEST ADDR: 0001.427E.E8ED  
   SRC ADDR: 0040.0B02:.243E  
   IPv6 SRC IP: 2001:db8:acad:1::b  
   IPv6 DST IP: 2001:db8:acad:1::a
7. Packet was dropped, it’s not that device which was searching
8. Yes. Now it can easily send to our device.
9. The ICMPv6 Echo Message Type is 129, an echo reply.
10. Because now we have all necessary information for sending.  
    PART 2
11. Address: fe80::201:42ff:fe7e:e8ed
12. G0/0 of RTA: 0001.961d.6301
13. MAC address required
14. No
15. Destination device is in another network.
16. 1, 2 – Global and Local, 3,4 – PCA1, PCB1
17. We didn’t use PCA2 through this device.
18. Yes