1. Ethernet must be in IEEE-2003 format if the value in its length or ethernet field is found to be greater than 1500. Ans: False
2. In MPOS header there is nothing which can help identify what upper layer protocol it carries. Ans: true
3. Penultimate label popping is a feature that can help save one label swapping table at the egres point. Ans: true
4. It takes more instructions to process of a ethernet to frame than a 802.3 frame. Ans:false
5. ISVP signalling protocol in MPOS is used to set up virtual circuit along shortest path by a routing protocol. Ans: false
6. BGP is protocol running in layer 4. Ans: false. (In layer 5).
7. In a network process programming call pipelining is needed when the size of the program to implement data function exceeds the program limit store space in a call. Ans: true
8. In a core router(routed in the interior) , PBB is mainly used to set up the packet over for the interfaces at the router. Ans: true

MCQ:

1. The following packets require the least amount of information to be processed. Ans: C) ISIS
2. Which of the following steps to be followed for IP processing. Ans: C)Pre IP processing, Ip validation, longest prefix matching.

1)To allow dynamic firewall filtering TCP flags must be included in the filter rules to distribute flags. Ans: true.

2)Long sentence regarding realignment of middle of the boundary. Ans: true.

3)In generic MPOS search key data structure, each MPLS label is 24 bits in length. Ans: false (20).

4)In the action data structure the ton o hops is used for TTL reduction at the entry point of MPOS domain. Ans: true.

5) Packet fragmentation cannot be done before IP forwarding table lookup. Ans: true.

MCQ:

6)For IP over MPOS over ethernet with two labels, the IP datagram size can be as large as how many bytes without being fragmented. Ans: B)1492

7)Which of the following is unnecessary if layer 2 framing is performed at engress. Ans: C)making all interfaces available to engress .

8)The IP checksum needs to be updated when the following are updated except which one. Ans: D) TTS in the top MPS label

9)A neat with an ethernet interface faces if only MPOS and IP over ethernet 802.34 are supporting how many 64 bits slots are needed to demark the frames. Ans: B) 2 times 14.

10)Why cant we combine Ip forwarding lookup with the five tuple rule filtering. Ans: B)Merging the two together can potentially consume too much.