1) In internet jargon, devices are called hosts or end systems.

2) End systems are connected together by a network of communication links and packet switches

3) Two most prominent types of packet switches are routher and link-layer swithes

4) The TCP and the IP are two of the most important protocols in the internet

5) The internets principal protocols are collectively known as TCP/IP

6) A protocol defines the format and the order of messages exchanged between two or more communicating entities

7) Hosts are sometimes further divided into two categories clients and servers

8) The two most prevolent types of broadband residential accsess are DSL and cable

8) The accses TSP is said to be a custoner and the global transit ISP is said to be a provider

10) ISP's at the same level of the hierarchy can peer

11) The most important delays: nodal processing delay, queueing delay, transmission delay and propogation delay.

12) Each ISP is in itself a network of packet switches and communication links. → 4. soru

13) The time required to examine the packets header and determine where to direct the packet is part of the processing delay.

14) The processing delay can also include other factors, such as the time needed to check for bit level error in the packe

15) Queueing delay as it waits to be transmitted onto the link
→ 5. soru

16) Transmission delay is the amount of time required to push all of the packet's bits into the link

17) The time required to propogate from the beginng of the link to routher B is the propogation delay

18) With no place to store such a packet, a router will drop that packet, that is the packet will be lost.

19) A DNS message format / four types of data sections : question section, answer section, authority section, additional section → 7. soru

20) Throughput types : instantaneous throughput, average throughput

21) Five-layer internet protocol stack : application, transport, network, link, physical.

22) Application layer → message
Transport layer → segment
Network layer → datagrams → 4. test sorusu
Link layer → frames
Physical layer → individual bit?