Lecture 2 (1/23) Self Test

Due Jan 30 at 5pm   **Points** 1   **Questions** 10

Available Jan 23 at 5pm - Jun 1 at 11:59pm 4 months   **Time Limit** None

Instructions

Self test for lecture 2. Will open at 5pm

Score for this survey: **1** out of 1
Submitted Jan 26 at 1:40am
This attempt took 1 minute.

Question 1

The primary goal of the Internet is

ou Answered

(•) To interconnect different networks

( ) To guarantee reliable delivery of data between end hosts

( ) To support voice calls

To interconnect different networks

Question 2

Packet payloads are of relevance to

○ Internet applications

● The network

internet applications

Question 3

Which of the following are true:

● Packet headers are of relevance only to the network

○ Packet headers are of relevance only to end-hosts

○ Packet headers are of relevance to both the network and end-hosts

answer: Packet headers are of relevance to both the network and end-hosts

Question 4

When is statistical multiplexing a good idea?

○ When user demands vary in time

⦿ When user demands are well known ahead of time

○ When we have a fixed number of users each with constant demand

answer: When user demands vary in time

Question 5

Select all that are true:

☑ Circuit switching is a form of statistical multiplexing

☑ Packet switching is a form of statistical multiplexing

☑ The Internet benefits from statistical multiplexing

answer: Circuit switching is a form of statistical multiplexing

answer: Packet switching is a form of statistical multiplexing

answer: The Internet benefits from statistical multiplexing

Question 6

You have 100 bytes of data to send from point A to B. Which link serves you best?:

○ Bandwidth=1Mbps and propagation delay=1ms

○ Bandwidth=1Mbps and propagation delay=0.5ms

⦿ Bandwidth=1Gbps and propagation delay=1ms

ans: Bandwidth=1Gbps and propagation delay=1ms

Question 7

 You have 10 Megabytes of data to send from point A to B. Which link serves you best?:

○ Bandwidth=1Mbps and propagation delay=1ms

⦿ Bandwidth=1Mbps and propagation delay=0.5ms

○ Bandwidth=1Gbps and propagation delay=1ms

answer:**Bandwidth=1Gbps and propagation delay=1ms**

Question 8

Which of these apply to the control plane?

☑ Operates at network-event time scales

☑ Operates at packet-arrival time scales

☑ Is inherently local in scope

☐ Is inherently global in scope

answers:

Is inherently global in scope

Operates at network-event time scales

Question 9

Which of these apply to the data plane?

☐ Operates at network-event time scales

☑ Operates at packet-arrival time scales

☐ Is inherently local in scope

☑ Is inherently global in scope

answers:

- **Operates at packet-arrival time scales**
- Is inherently local in scope

Question 10

All packets on the Internet are the same size.

◉ True

○ False

Survey Score: **1** out of 1