Lecture 3 (1/28) Self Test

Due Feb 4 at 5pm   **Points** 1   **Questions** 10
Available Jan 28 at 5pm - Jun 1 at 5pm 4 months   **Time Limit** None

Instructions

Lecture 3 Self-test

Score for this survey: **1** out of 1
Submitted Jan 28 at 9:34pm
This attempt took 10 minutes.

Question 1

In general, which of the following are advantages of circuit switching?

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ou Answered

⊙ Better service for applications

○ Easier failure recovery

○ Better efficiency

Better service for applications

Question 2

In general, which of the following are advantages of packet switching?

☐ Better service for applications

☑ Easier failure recovery

☑ Better efficiency

- **Easier failure recovery**
- Better efficiency

Question 3

What is a root cause of the drawbacks of circuit switching?

○ Applications do not benefit from performance guarantees

○ Operators cannot monetize circuit switching

◉ It leads to a complex state management problem in the network

It leads to a complex state management problem in the network

Question 4

Transient congestion always leads to packet drops

○ True

⊙ False

answer: false

Question 5

HTTP is an example of:

○ A network layer protocol

⊙ A transport layer protocol

○ An application layer protocol

Answer: an application layer protocol

Question 6

Which observation motivates the use of statistical multiplexing on the Internet

○

The peak of the aggregate is much smaller than the aggregate of the peaks

⦿

The average of the aggregate is much smaller than the peak of the aggregate

The peak of the aggregate is much smaller than the aggregate of the peaks

Question 7

When we say L2, which layer do we mean?

○ Network (or Internetworking)

○ Application

○ Physical

○ Transport

⦿ Datalink (or Link)

Datalink (or Link)

Question 8

According to the canonical Internet architecture, which layer(s) should only have one version in use?

○ Network (or Internetworking)

○ Application

◉ Physical

○ Transport

○ Datalink (or Link)

Network (or Internetworking)

Question 9

Which layers are implemented in routers?

☑ Network (or Internetworking)

☑ Application

☐ Physical

☑ Transport

☐ Datalink (or link)

Datalink (or link), network, physical

Question 10

Which layers are implemented in end-hosts?

- ☐ Network (or Internetworking)

- ☑ Application

- ☐ physical

- ☑ transport

- ☐ datalink (or link

all of the above

Survey Score: **1** out of 1