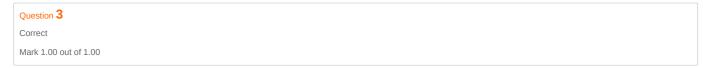
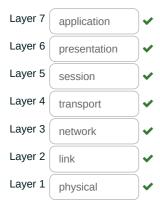
Started on Monday, 24 January 2022, 11:32 AM State Finished Completed on Monday, 24 January 2022, 11:41 AM Time taken 9 mins 12 secs Marks 8.00/8.00 Grade 2.86 out of 2.86 (100%) Question **1** Correct Mark 1.00 out of 1.00 What is a network bandwidth? Select one: a. the maximum speed of data transfer

✓ b. the maximum time of a transmission delay o. the maximum packet loss od. the maximum size of a data packet e. the maximum absolute time of data transfer Your answer is correct. The correct answer is: the maximum speed of data transfer Question 2 Correct Mark 1.00 out of 1.00 Do you agree that in computer networks the transmission delay (also called as store-and-forward delay) is affected by the physical distance between communicating hosts? Select one: a. Disagree

✓ b. Agree Your answer is correct. The correct answer is: Disagree



The Open System Interconnection reference model (OSI model) identifies 7 abstraction layers for a communication system. List them in a top-down approach (assume that Application is Layer 7):



Your answer is correct.

The correct answer is: Layer 7 \rightarrow application, Layer 6 \rightarrow presentation, Layer 5 \rightarrow session, Layer 4 \rightarrow transport, Layer 3 \rightarrow network, Layer 2 \rightarrow link, Layer 1 \rightarrow physical

Question 4 Correct Mark 1.00 out of 1.00

Do you agree that nowadays Ethernet is the most widely used technology for wireless computer networks?

Select one:

a. Agree

b. Disagree

✓

Your answer is correct.

The correct answer is: Disagree

Question 5
Correct
Mark 1.00 out of 1.00

There are various request methods supported by HTTP protocol. Match the methods listed below to their purpose:

To delete resources on a web server	DELETE	•
To get a webpage	GET	•
To upload a file to a web server	POST	•

Your answer is correct.

The correct answer is: To delete resources on a web server \rightarrow DELETE, To get a webpage \rightarrow GET, To upload a file to a web server \rightarrow POST

Question 6 Correct Mark 1.00 out of 1.00

Recall the key network performance metrics, namely latency, throughput, and bandwidth. Match terminology below to its meaning:

The time it takes to transfer data from sender to destination:

A theoretical upper bound on the rate of a data transfer in a network, that considers various aspects, including the physical properties of a communication medium (e.g. an optical fibre, or copper wires)

The actual rate of data transfer in a network, between a particular pair of source and destination hosts:



Your answer is correct.

The correct answer is:

The time it takes to transfer data from sender to destination: → Latency,

A theoretical upper bound on the rate of a data transfer in a network, that considers various aspects, including the physical properties of a communication medium (e.g. an optical fibre, or copper wires) \rightarrow Bandwidth,

The actual rate of data transfer in a network, between a particular pair of source and destination hosts: → Throughput

21/23, 9:38 PM	Quiz Week 1: Attempt review
Question 7	
Correct	
Mark 1.00 out of 1.00	
Do you agree with the following statement	ent?
Data packets that are exchanged between	een two particular hosts in a network are always transmitted through the same set of routers.
Select one:	
a. Agree	
b. Disagree ✓	
Your answer is correct.	
The correct answer is: Disagree	
Ouestion 8	
Correct	
Mark 1.00 out of 1.00	
Different types of network cables are us	sed in computer networks. Chose the one providing the fastest data transmission rate:
	·
Select one:	
a. coaxial	
○ b. copper	

Your answer is correct.

The correct answer is: fiber optic

od. all listed choices have a similar transmission rate