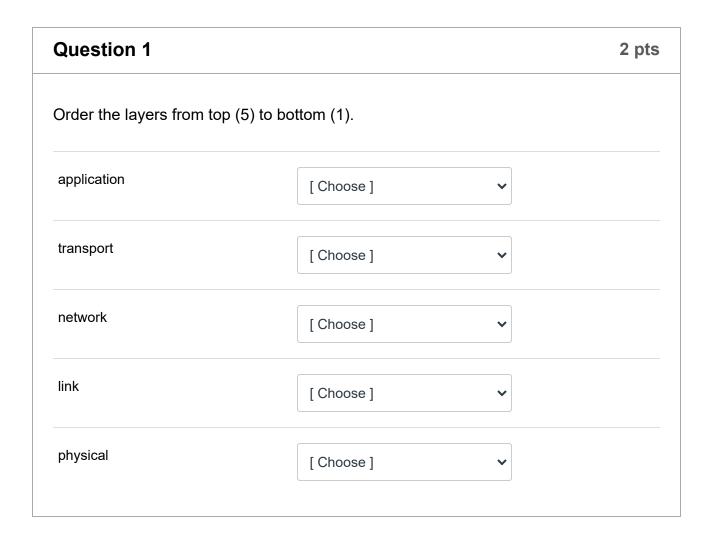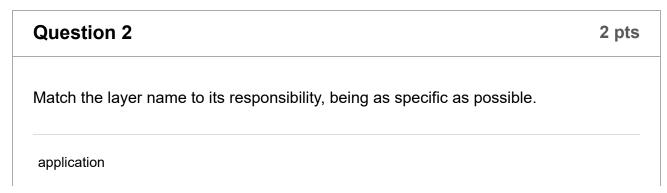# Quiz 1.5 - Protocol Layers and Their Service Models
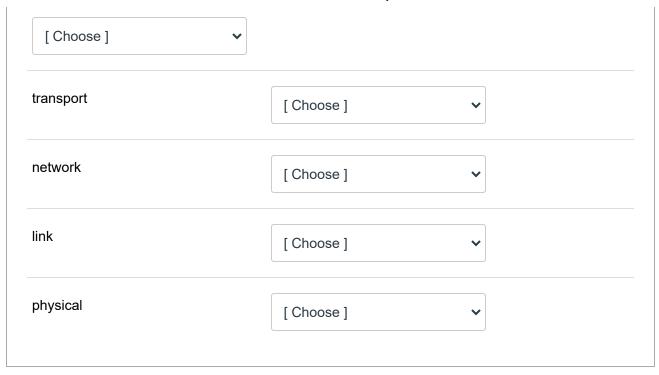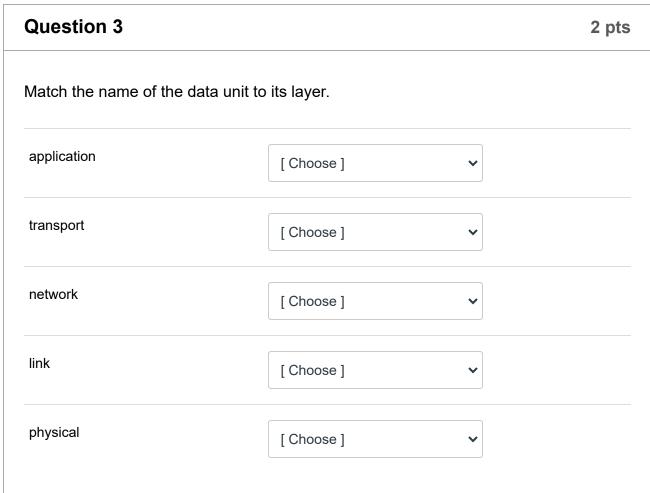
Started: Feb 7 at 10:12am

Quiz Instructions

- This quiz is open-note. You are encouraged to watch the relevant video for this quiz before and/or during the quiz.
- You have unlimited attempts to complete the quiz. Only the highest grade will be kept.

Question 1	2 pts

Order the layers from top (5) to bottom (1).

application   [Choose] ⌄

transport   [Choose] ⌄

network   [Choose] ⌄

link   [Choose] ⌄

physical   [Choose] ⌄

Question 2	2 pts

Match the layer name to its responsibility, being as specific as possible.

application

[Choose]   ⌄

transport	[Choose] ⌄

network	[Choose] ⌄

link	[Choose] ⌄

physical	[Choose] ⌄

Question 3   **2 pts**

Match the name of the data unit to its layer.

application	[Choose] ⌄

transport	[Choose] ⌄

network	[Choose] ⌄

link	[Choose] ⌄

physical	[Choose] ⌄

Question 4   **1 pts**

Which of the following layers are implemented in a router?

☐ link

☐ network

☐ application

☐ physical

☐ transport

Question 5   1 pts

Which of the following layers are implemented in a link-layer switch?

☐ application

☐ link

☐ physical

☐ transport

☐ network

Question 6   1 pts

Which of the following layers are implemented in an end host?

☐ application

☐ link

☐ physical

☐ network

☐ transport

Question 7   1 pts

What is encapsulation?

○ The transfer of a data unit from one layer to another with the expectation that the same data unit will be transferred to another host.

○ The succinct expression or depiction of the essential features of something.

○ The provision of an interface for a piece of software or hardware to allow or simplify access for the user.

○ The process of taking a data unit from one layer and adding information to create a new data unit at another layer.

Not saved   Submit Quiz