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### 2.1 Link Layer

Week 1 Quiz due Jan  
25, 2016 at 15:30 UTC

### 2.2 Multiple Access Protocols

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## 2.2 QUIZ QUESTION 1 (1/1 point)

Which of the following is/are considered to be multiple access protocol(s) based on fixed channel partitioning?

☐ Token Passing

☒ Time Division Multiple Access

☒ Frequency Division Multiple Access

☐ Aloha



Note: Make sure you select all of the correct options—there may be more than one!

### EXPLANATION

Token passing and aloha allocate the channel dynamically, whereas TDMA and FDMA use fixed partitioning (division) of the channel.

*You have used 1 of 2 submissions*

## 2.2 QUIZ QUESTION 2 (1/1 point)

Which of the following statements describes Time Division Multiple Access?

☐ Nodes get access to the channel in rounds, during which a token granting access to the channel is passed from node to node.

☐ The spectrum in the channel is divided into different bands, where each node gets access to a different band.

☒ Nodes are granted access to the channel periodically and for a fixed length of time during each period. ✓

☐ Nodes access the channel for a fixed length of time whenever they have data to transmit.



Note: Make sure you select all of the correct options—there may be more than one!

#### EXPLANATION

The first protocol is token passing. The second protocol is FDMA. The third protocol is TDMA. The fourth protocol is a random access protocol.

*You have used 1 of 2 submissions*

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