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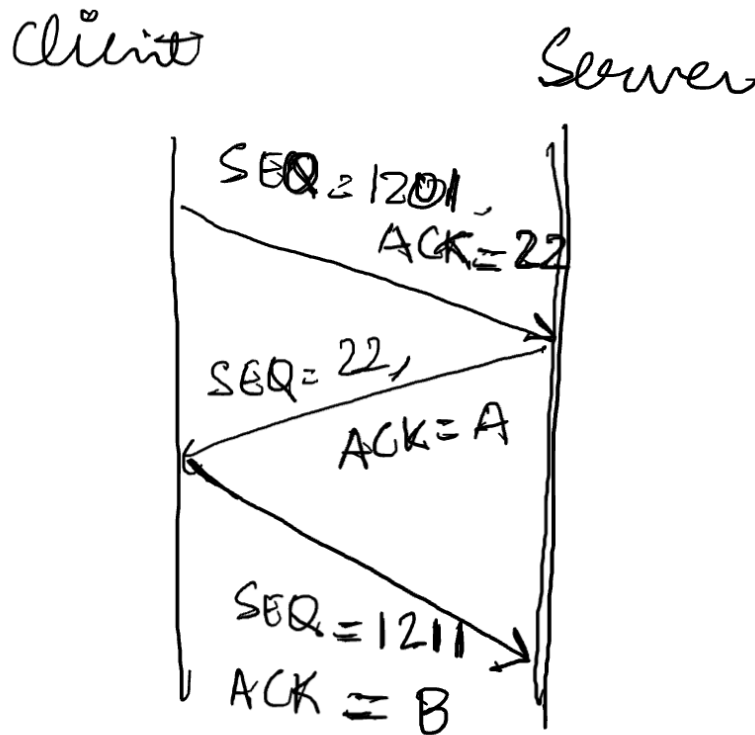
<b>Started on</b>	Tuesday, 1 October 2024, 9:01 AM
<b>State</b>	Finished
<b>Completed on</b>	Tuesday, 1 October 2024, 9:06 AM
<b>Time taken</b>	4 mins 12 secs
<b>Grade</b>	<b>1.00</b> out of 10.00 ( <b>10%</b> )

**Question 1**

Incorrect

Mark 0.00 out of  
2.00

What are the values of A and B assuming the server sent a 100 byte segment?



Select one or more:

- ☐ a. A = 1210, B = 122
- ☒ b. A = 1211, B = 121 ✖
- ☐ c. A = 1210, B = 121
- ☐ d. A = 1211, B = 122

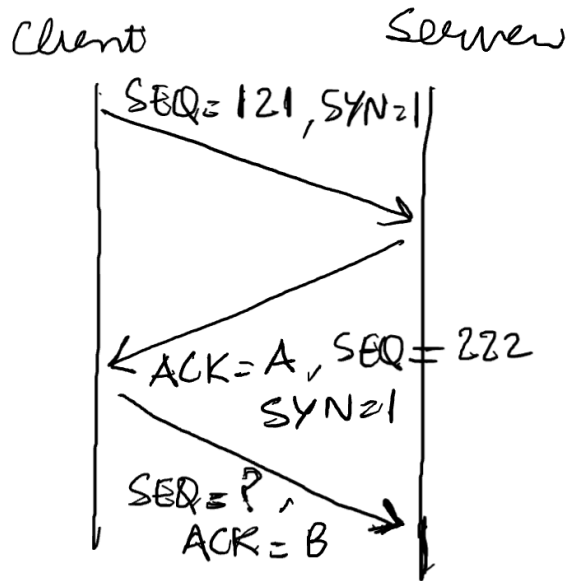
The correct answer is: A = 1211, B = 122

**Question 2**

Incorrect

Mark 0.00 out of  
2.00

What are the values of A and B in the following TCP handshake?



Select one or more:

- ☐ a.  $A = 121$ ,  $B = 223$
- ☐ b.  $A = 122$ ,  $B = 222$
- ☐ c.  $A = 122$ ,  $B = 223$
- ☒ d.  $A = 121$ ,  $B = 222$  ✗

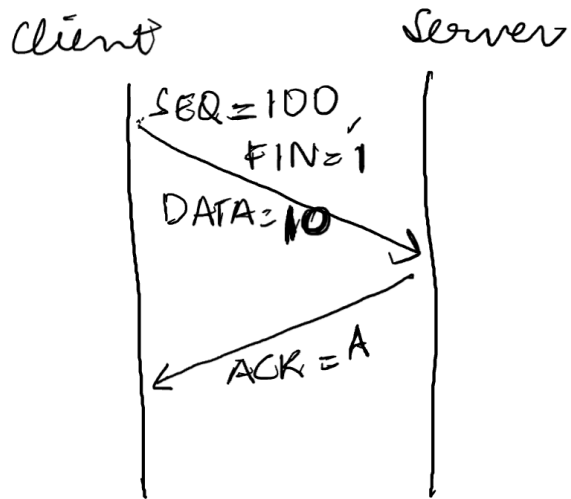
The correct answer is:  $A = 122$ ,  $B = 223$

**Question 3**

Incorrect

Mark 0.00 out of  
2.00

What is the value of A assuming a 10 byte packet with FIN bit set was sent?



Select one or more:

- ☒ a. 110 ✗
- ☐ b. 108
- ☐ c. 109
- ☐ d. 111

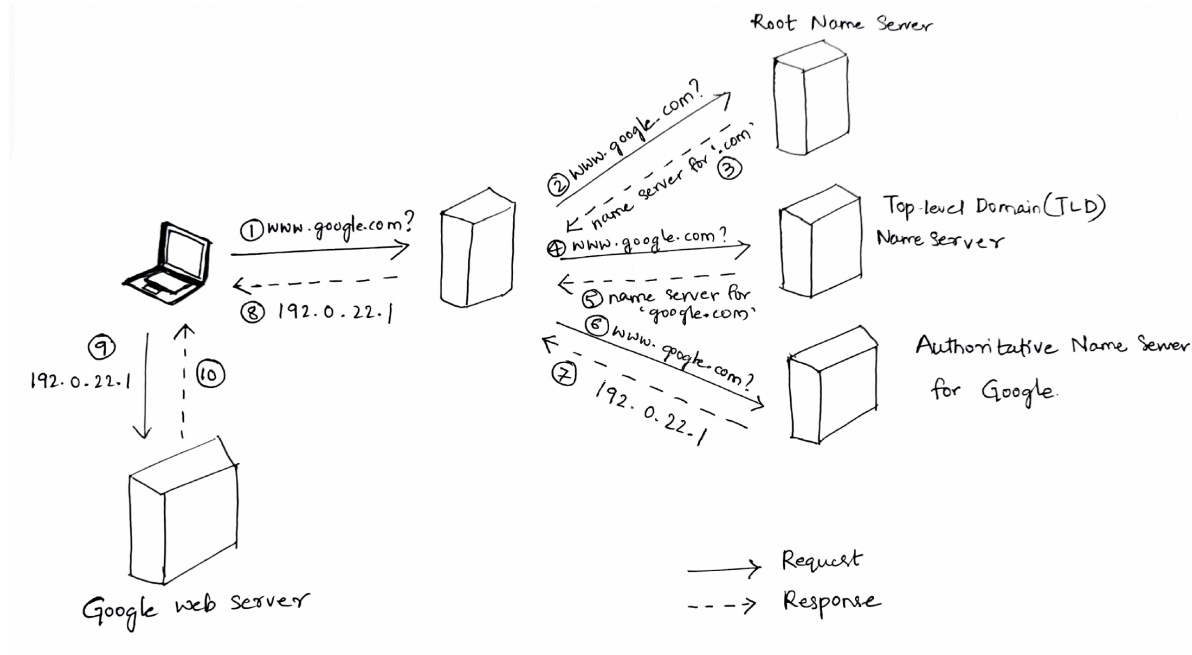
The correct answer is: 111

#### Question 4

Incorrect

Mark 0.00 out of  
2.00

Which Transport Protocol is being used in the Diagram shown below:



Select one or more:

- ☒ a. TCP ✓
- ☐ b. QUIC
- ☐ c. UDP
- ☐ d. ICMP

The correct answers are: UDP, TCP, QUIC

**Question 5**

Partially correct

Mark 1.00 out of  
2.00

Which of the following statements are true? Select all that apply.

Select one or more:

- ☐ a. UDP is a connection-oriented protocol
- 1. Which of the following is/are True?
  - a. TCP is a connection-oriented protocol
  - b. TCP uses 4-way handshaking for connection establishments
  - c. TCP insures in-order delivery at the receiver
  - d. TCP is faster than UDP
  - e. TCP connections are full duplex
- ☐ b. TCP does not use ACKs corresponding to retransmissions while estimating timeout.
- ☐ c. TCP is faster than UDP
- ☒ d. TCP uses 4-way handshaking for connection termination ✓

The correct answers are: TCP uses 4-way handshaking for connection termination, TCP does not use ACKs corresponding to retransmissions while estimating timeout.

[◀ Assignment-3](#)[Jump to...](#)[Assignment 4 ▶](#)