Graded Assessment - Peer-to-Peer Protocols

Quiz, 10 questions

15/15 points (100%)

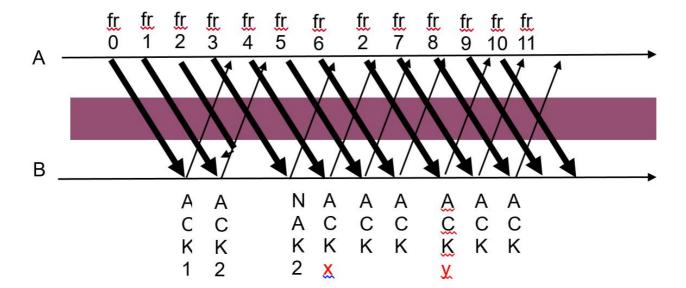
/	Congratulations! You passed!	Next Item		
~	2/2 points			
1. Given : ARQ?	3 bits for sequence numbers, what is the maximum sliding window size a	t the receiver in Go Back 3		
	3			
0	7			
Correct In go-back-N, the maximum number of frames that can be outstanding is 2 ^m – 1, where m is the number of bits in sequence number.				
	8			
	None of the above			
~	2/2 points			
2. Given 3 bits for sequence numbers in Selective Repeat ARQ. If the sender already set the sliding window size to be 4, what is the maximum sliding window size at the receiver?				
	3			
	8			
	7			
0	None of the above			
Correct				

In Selective repeat, the sliding window size at the sender plus the sliding window size at the Graded Assass be entitled to Portwhite The Brate Brate 60 is in sequence number. In this 15/15 points (100%) Quiz, 10 the siender has window size 4, which means the receiver has window size 8 – 4 = 4.



2/2 points

Consider Selective Repeat ARQ flow control protocol. In the following scenario, what should be the value of frame number *x* at receiver B?







Correct

Even frame 3 is received, the frame 2 is still missing in the receiver buffer. Therefore, receiver acknowledges frame 2, meaning it expects the next frame to be frame 2 in the next sliding window.

None of the above



2/2 points

4. Graded uiz, 10 quest	ASSASSIME, What REGIT DE PAGE OF FOR CONSER y at receiver B?	15/15 points (100%)
	3	
	8	
0	7	
Corr	ect	
whe	ause Selective Repeat approach buffers those out-of-sequence but correct frames (3, n missing frame 2 is received correctly, the sliding window moves forward and acknownext frame to receive to 7.	
	None of the above	
~	2/2 points	
	probability of error is very low in a communication link, which of the following statem performance of ARQ protocol? Stop-and-wait and Go-back-N ARQ protocols have similar performance	ents is true
	Stop-and-wait and Selective Repeat ARQ protocols have similar performance	
0	Go-back-N ARQ and Selective Repeat ARQ protocols have similar performance	
	ect en the probability of error is very low, the chance of out-of-order but correct frame is well. Selective repeat performs similarly with go-back-N.	very low
	None of the above	
~	1/1 point	
6. In pee	r-to-peer protocol, the purpose of Automatic Repeat Request is	
	to ensure a sequence of information packet is delivered in order	
Corr Corr	ect ect. Refer to Stop-and-Wait ARQ lecture	

Graded Ato ensure a sequence of information packet is delivered with an ACK request Quiz, 10 questions

15/15 points (100%)

Un-selected is correct

to ensure a sequence of information packet is delivered without errors or duplication despite transmission errors and losses Correct Correct. Refer to Stop-and-Wait ARQ lecture		
to ensure a sequence of information packet is delivered out-of-order Un-selected is correct		
 1/1 point 7. Which of the basic elements of ARQ is associated with negative acknowledgement 		
ACKs		
O NAKs		
Correct Correct. Refer to Stop-and-Wait ARQ lecture		
Timeout mechanism		
Error detecting code		
1/1 point		
8. In Go-Back-N ARQ, a procedure where transmission of a new frame is begun before the completion of time of the previous frame transmission is called		
Transitioning		
Pipelining		

Graded Assessment - Peer-to-Peer Protocols Quiz, 10 Questions Refer to S&W Performance, and Go-Back-N ARQ lecture

15/15 points (100%)

	Channeling	
	None of the above	
~	1/1 point	
9.		
In Stop-and-Wait protocol, sequence number are not required		
	True	
0	False	
Correct Correct. Refer to Stop-and-Wait ARQ lecture		
10.	1 / 1 point	
The disadvantage of Stop-and-Wait protocol		
	Error free communication channel does not exist	
	Acknowledgement may get lost	
	Deadlock situation may occur	
0	All of the above	
Correct Correct. Refer to Stop-and-Wait ARQ lecture		

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