Dashbo	ard (http://ki	mitonline.com/student/dashboard.php) / Quiz	
Sta	rted on	Monday, 15 September 2025, 11:30 AM	
	State	Finished	
Compl	eted on	Monday, 15 September 2025, 11:42 AM	
Tim	e taken	11 mins 4 secs	
	Marks	5.00/10.00	
	Grade	50.00 out of 100.00	
Question 1 Complete Mark 1.00 out of 1.00		ich type of multiplexing allows combining signals based on frequency ranges?	
	Sele		
		a. TDM	
		b. FDM	
		c. WDM	
		d. CDMA	
Question 2 Complete Mark 1.00 out of 1.00		ich ARQ mechanism requires retransmission of only the erroneous frame? ect one: a. Stop-and-Wait b. Sliding Window c. Go-Back-N d. Selective Repeat	
Question 3	cha	stop-and-Wait ARQ, if transmission time = 1 ms and propagation delay = 4 ms, nnel utilization is approximately:	
Complete	Sele	ect one:	
Mark 0.00 out of		a. 20%	
1.00		b. 50%	
		c. 80%	

od. 25%

Question 4 Complete Mark 0.00 out of	In WDM, increasing the number of channels primarily increases: Select one: a. Signal-to-noise ratio b. Propagation delay		
1.00	c. Bandwidth utilizationd. Error rate		
Question	What does bit stuffing in data transmission help prevent?		
5	Select one:		
Complete Mark 1.00 out of	a. Collisions in Ethernet		
	b. Misinterpretation of control flags		
1.00	○ c. Propagation delay		
Question 6	In packet switching, which issue does store-and-forward delay directly depend on?		
	Select one:		
Complete	a. Propagation speed of the medium		
Mark 1.00 out of 1.00	b. Queuing policy of the router		
	c. Packet length and transmission rate		
	d. Processing speed of the router		
Question 7	In a sliding window protocol with a window size of 4, how many unacknowledged frames can the sender transmit before stopping?		
•	Select one:		
Complete Mark 1.00 out of 1.00	○ a. 3		
	b. 4		
	○ c. 5		
	O d. 2		

Question **8**

Complete

Mark 0.00 out of 1.00

Which of the following is true about Stop-and-Wait ARQ?

Select one:

- a. It eliminates retransmissions completely.
- b. It introduces high utilization on long-delay links.
- c. It has higher throughput compared to Go-Back-N.
- d. It requires sequence numbers modulo 2.

Question

9

Complete

Mark 0.00 out of 1.00

Which parameter mainly influences jitter in real-time applications?

Select one:

- a. Transmission delay
- b. Variation in packet arrival time
- c. Window size in flow control
- d. Bandwidth

Question

10

Complete

Mark 0.00 out of 1.00

Which of the following is a limitation of CSMA/CD?

Select one:

- a. It cannot be used in half-duplex channels
- b. It is inefficient at low traffic
- o. It cannot be used in wireless networks
- d. It ensures no collisions occur