



**SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY(SISTec)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

ASSIGNMENTS - 2

BRANCH	CSE
SESSION	VI-1

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SUBJECT/CODE : COMPUTER NETWORK (CS-602)

UNIT-2

Q No.	QUESTIONS	Bloom's Taxonomy Level	Course Outcomes
SET 1			
1.	What is framing? Explain different types of framing protocols with their format.	2 (Understand)	CO2, CO3
2.	Discuss and compare DLL "Go Back N" and "Selective Repeat" protocols.	2 (Understand)	CO2, CO3
3.	Explain Piggybacking and Pipelining.	2 (Understand)	CO2, CO3
SET 2			
1.	What is framing? Explain different types of framing protocols with their format.	2 (Understand)	CO2, CO3
2.	Explain GO BACK N-ARQ with diagram.	2 (Understand)	CO2, CO3
3.	In GBN sender window size =10 and $T_p=49.5$ ms & $T_t= 1$ ms. What is the efficiency and throughput of the protocol given Bandwidth 1000 bps?	3 (Apply)	CO2, CO3
SET 3			
1.	What is framing? Explain different types of framing protocols with their format.	2 (Understand)	CO2, CO3
2.	What is flow control? Explain stop and wait flow control technique and calculate its efficiency.	2 (Understand)	CO2, CO3
3.	Write short notes on high level data link control protocol and draw the frame format of HDLC protocol.	2 (Understand)	CO2, CO3
SET 4			
1.	What is framing? Explain different types of framing protocols with their format.	2 (Understand)	CO2, CO3
2.	What is the mechanism of sliding window flow control? Explain with example.	2 (Understand)	CO2, CO3
3.	Compare the SDLC and HDLC.	4 (Analyze)	CO2,

			CO3
SET 5			
1.	Discuss and compare DLL “Go Back N” and “Selective Repeat” protocols.	2 (Understand)	CO2, CO3
2.	Explain GO BACK N-ARQ with diagram.	2 (Understand)	CO2, CO3
3.	Write short notes on high level data link control protocol and draw the frame format of HDLC protocol.	2 (Understand)	CO2, CO3
SET 6			
1.	Discuss and compare DLL “Go Back N” and “Selective Repeat” protocols.	2 (Understand)	CO2, CO3
2.	What is flow control? Explain stop and wait flow control technique and calculate its efficiency.	2 (Understand)	CO2, CO3
3.	Compare the SDLC and HDLC.	4 (Analyze)	CO2, CO3
SET 7			
1.	Discuss and compare DLL “Go Back N” and “Selective Repeat” protocols.	2 (Understand)	CO2, CO3
2.	What is the mechanism of sliding window flow control? Explain with example.	2 (Understand)	CO2, CO3
3.	In GBN sender window size =10 and $T_p=49.5$ ms & $T_t= 1$ ms. What is the efficiency and throughput of the protocol given Bandwidth 1000 bps?	3 (Apply)	CO2, CO3
SET 8			
1.	Explain GO BACK N-ARQ with diagram.	2 (Understand)	CO2, CO3
2.	Differentiate ARP & RARP. Explain the packet format of ARP.	4 (Analyze)	CO2, CO3
3.	Explain Piggybacking and Pipelining.	2 (Understand)	CO2, CO3
SET 9			
1.	What is flow control? Explain stop and wait flow control technique and calculate its efficiency.	2 (Understand)	CO2, CO3
2.	What is the mechanism of sliding window flow control? Explain with example.	2 (Understand)	CO2, CO3
3.	Explain Piggybacking and Pipelining.	2 (Understand)	CO2, CO3
SET 10			
1.	What is the mechanism of sliding window flow control? Explain with example.	2 (Understand)	CO2, CO3
2.	Differentiate ARP & RARP. Explain the packet format of ARP.	4 (Analyze)	CO2, CO3
3.	Write short notes on high level data link control protocol and draw the frame format of HDLC protocol.	2 (Understand)	CO2, CO3