

		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING QUESTION BANK	FORM NO	
BRANCH	CSE		REV. NO	0
SEMESTER	VI-1		REV. DT	
NAME OF THE FACULTY: DR. P.S. CHAUHAN SUBJECT/CODE : COMPUTER NETWORK (CS-602)				

UNIT -2

S.No	Questions	Bloom's Taxonomy Level	COs
1	What is framing? Explain different types of framing protocols with their format.	2 (Understand)	CO2
2	Discuss and compare DLL "Go Back N" and "Selective Repeat" protocols.	2 (Understand)	CO2
3	Explain GO BACK N-ARQ with diagram.	2 (Understand)	CO2
4	What is flow control? Explain stop and wait flow control technique and calculate its efficiency.	2 (Understand)	CO2
5	What is the mechanism of sliding window flow control? Explain with example.	2 (Understand)	CO2
6	Differentiate ARP & RARP. Explain the packet format of ARP.	4 (Analyze)	CO2
7	Explain Piggybacking and Pipelining	2 (Understand)	CO2
8	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
9	Write short notes on high level data link control protocol and draw the frame format of HDLC protocol.	2 (Understand)	CO2
10	Compare the SDLC and HDLC	4 (Analyze)	CO2
11	Explain Finite State Machine Models & Petri net models with example	2 (Understand)	CO2
12	Explain sub layers of Data Link Layer.	2 (Understand)	CO2
13	Differentiate between Flow Control and Error Control.	4 (Analyze)	CO2
14	What is Collision in Computer Network. How we can deal with it.	2 (Understand)	CO2