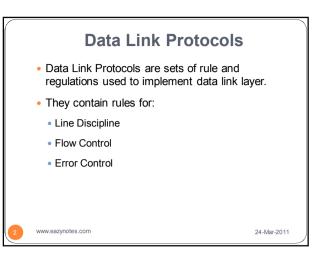
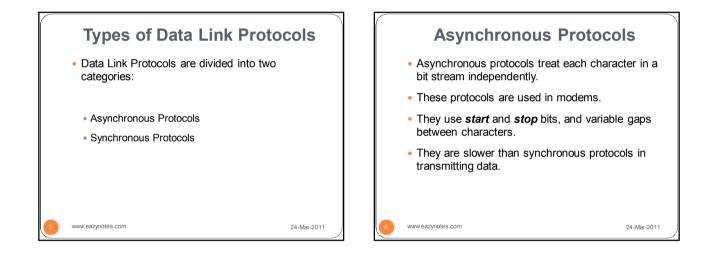
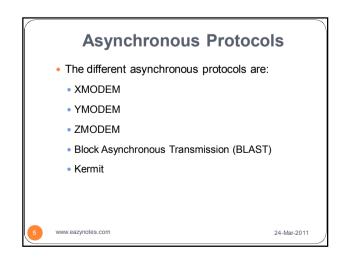
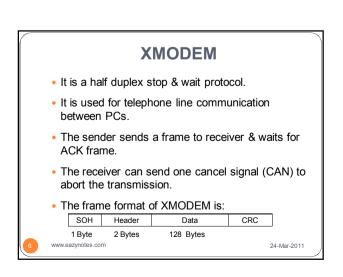
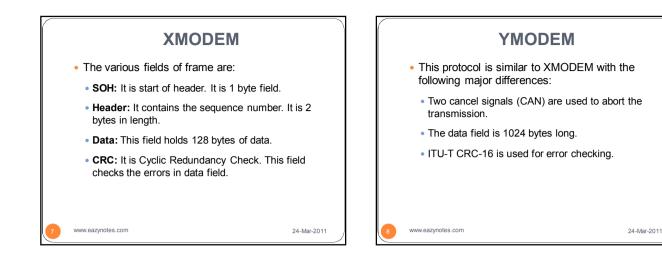
DATA LINK PROTOCOLS					
	Gursharan Singh Tatla mailme@gursharansingh.in				
1 www.eazynotes.com	24-Mar-2011				

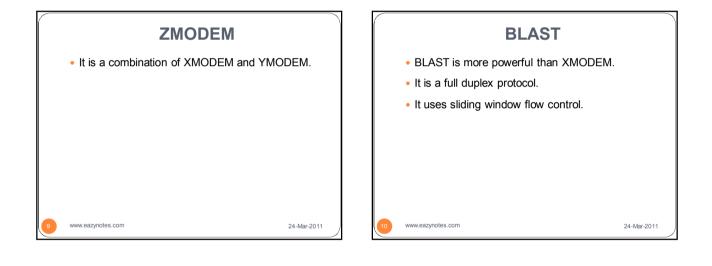


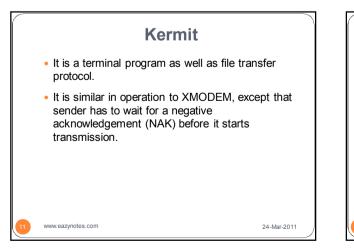


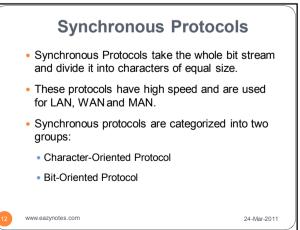








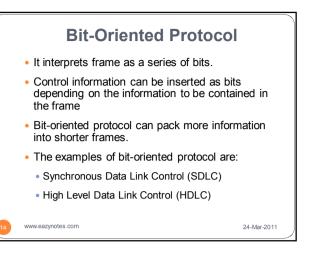


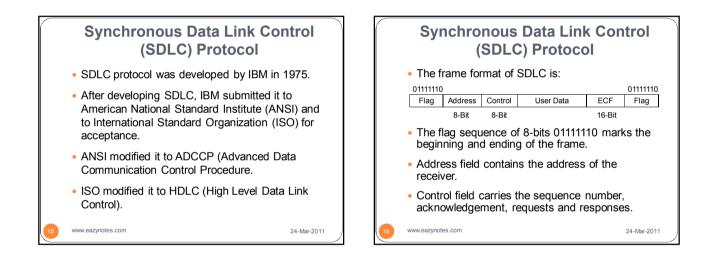


Character-Oriented Protocol

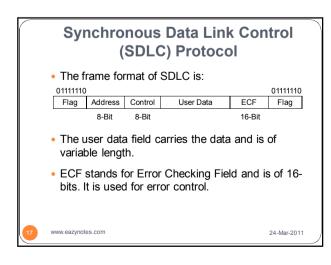
- It interprets frame as a series of characters.
- These are also known as Byte-Oriented Protocols.
- Control information is inserted as separate control frames or as addition to existing data frame.
- The example of character-oriented protocol is Binary Synchronous Communication (BSC) developed by IBM.

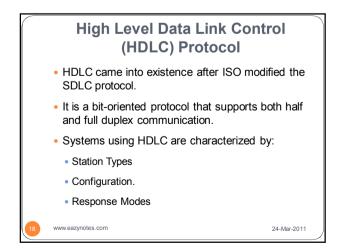
www.eazynotes.com

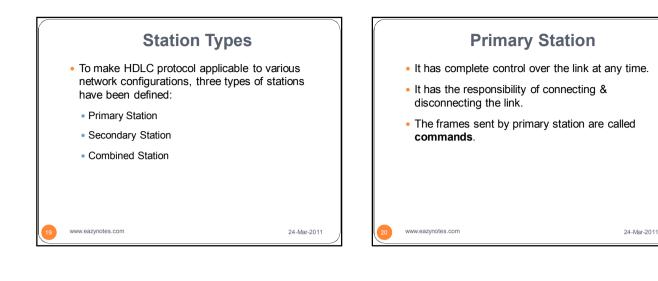


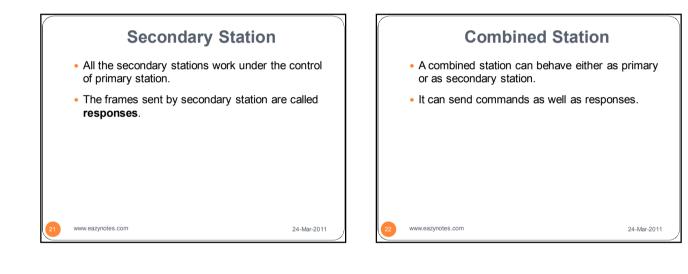


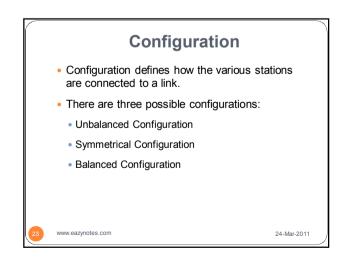
24-Mar-2011

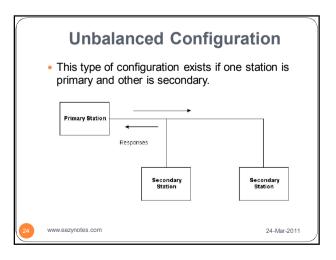


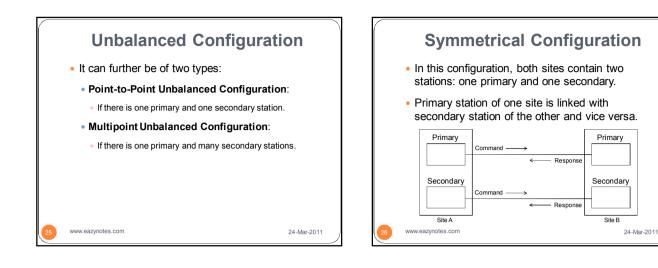


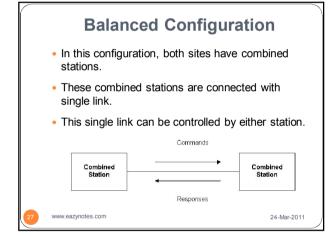


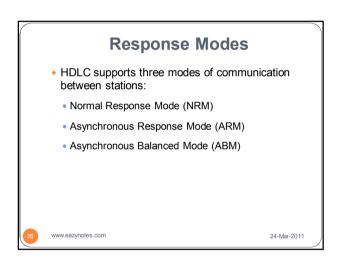


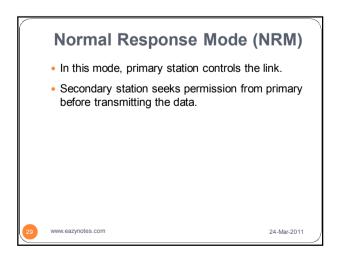


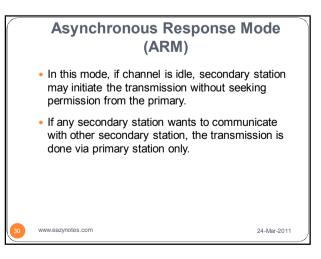












Asynchronous Balanced Mode (ABM) This type of mode involves combined stations. There is no primary-secondary relationship, all stations are equal. Therefore, either of the combined station can initiate the transmission without seeking permission from the other.

_								
Frame Structure in HDLC Frame in HDLC can have six fields:								
	01111110					01111110		
	Flag	Address	Control	Information	FCS	Flag		
	8-Bit	8-Bit	8/16-Bit	Variable	16-Bit	8-Bit		
	 Flag Field: It is the 8-bit field that contains 01111110. It marks the beginning and end of a frame. 							
	• Address Field: This field contains the address of the receiver. It is 8-bit long.							
32	www.eazyno	tes.com				24-Mar-2011		

