A. 01110	B. 01011	C. 10101	D. 10110				
2. How many data elements can be carried by each signal if the signal has a bit rate of 9000 bps and a baud rate of 3000 baud?							
A. 0.336 bits/baud		B. 3 bits/baud					
C. 120,00,000 bits/baud		D. None of these					
one direction, wit	h very short acl hput for windo		to send 512-byte data frame back the other way. What in 7? The earth-satellite				
A. 6.4Kbps, 47.48Kbps, 9.6Kbps, 81.7Kbps							
B. 6.4Kbps, 47.36Kbps, 64 Kbps, 64 Kbps							
C. 6.4Kbps, 52.2Kbps, 101.6Kbps, 81 Kbps							
D. 6.4Kbps, 47.3Kbps, 59.6Kbps, 64Kbps							
4. A bit stream 10011101 is transmitted using the standard CRC method. The generator polynomial is x^3+1 . Suppose the third bit from the left is inverted during transmission. What will be the bit string at the receiver's end?							

1. Consider the following message M = 1010001101. The cyclic redundancy check (CRC)

for this message using the divisor polynomial $x^5+x^4+x^2+1$ is

5. Suppose the information portion of a packet contains 10 bytes consisting of the 8-bit binary representation of the numbers 1 through 10. Compute the Internet (IP) checksum for this data.

B. 10111101000

D. 10111101100

A. 11100110 11100001 B. 11100110 11101001 B. 00011001 00010110 D. 00011001 00011110

A. 10110101100

C. 10011101100

6. Consider the generator, G=10011, and suppose that data in binary is 1010101010. What is the data ready to be sent after CRC calculation?

A. 10101010101100 B. 10101010101 C. 10101010100100 D. 101010101000

(A) Error	(B) Flo	ow.	(C) Transmission	(D) All of the these
link to the m	oon. Which ha	s a one-wa	ay latency(Delay) of 1.25 s	for a 1 Mbps point-to-point sec. Assume that each frame led for the sequence number
(A) 10	(B) 8	(C) 9	(D) 7	
The transmis	ssion rates betw ving host are F	veen the se R1 and R2,	t switch between a sending host and the switch respectively. Assuming the total end-to-end dela	nat the switch uses store-
(Ignore queu	ing, propagatio	on delay, a	and processing delay.)	
A. 2L/(R1 + R2). C. 2L/R1*R2.			B. L/R1 + L/R2. D. L*R1 + L*R2.	
capacity of 1 1000-bit fran we use	Mbps. The connes and takes 2	nmunicati 70-ms one	nication link between the non is happening between to e-way delay. What is the m	
-	wait flow conti ol with a wind		7	
2. I low conti	or with a wind	ow size of	·	
A. $1 \rightarrow C$	0.012, 2 → (0.022		
B. 1→ 0	0.002, 2 → 0	0.013		
C. 1→ 0	0.02, 2 →	0.0013		
D. 1→ 0	0.017, 2 → (0.002		

7. control refers to a set of procedures used to restrict the amount of data

that the sender can send before waiting for an acknowledgement.