Sol <sup>n</sup> Tutorial 9:10:			
The sound of a second of the		1001 001	
1. Binary equival	ent of 12 -> 11	on .	
37.1 .	13 -> 11	01	
	15 -> 11		
Maria Aga Aga Aga Aga	As As As	mad	
, , ,	120 1 1000 N		
ly or ono so ato a			
	14 111 11 11 11		
0.0000000			
	1 1	71	
tal por an analysis of services.	Rs1 Rs0	August ander	<u> </u>
$8a$ , $CS = A_2 A_2$	A, A5 AZ A2 7	14.41 43	
Rso=1 Ao			ircuit.
$R_{S_1} = A_1$			
Interface	Port A Port &	shalp partica	Port D.
Mark Thomas	narry on all a sail	(control Res	g.) (Status Reg.)
	1000000 100000		
2.	0100000 01000		
3.11.	00100000 00100	A	00100011
	00010000 00010		0 00010011
	00001000 0000	/ .	
<b>C</b>	x 1	1	110,00000111
3. Valoro	bullet plates	0101	
	hutas (sac haga	e consitu 16 k	out as
_	bytes /sec. mas	e. capcuty K b	variable
deleted @ n1	•		K
a. empty buff	is to fill when m	>n, required the	me = m-n se
b. full buffer	to empty when n	nen, legured	Time = K se
c. fiso buffer	is not neguired	when m=n	

4. 1200 band line > 1200 b	ts per second can be transmitted.
a. So for synchrous serial trans	
1710 18 11	
1 × ( 1 , 1 , 2 , 1 )	= 1200
	= 150 char per second.
b. Asynchrous serial trammis	sion one bit for control signal.
with two stop mits.	
so apart from 8 bits for a c	
So total 8+3= 111 bi	
so no g characters = 13	200 = 109 characters per seurs
L L	
c. when any nehronus serial tro	monission for one stop bit
so total 8+1+1=10 mits	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
no no of characters = 12	00 = 120 characters perseund.
so no of characters = 12	.0
5. 100 20 MH2 dock i.e 30	z 50 ns clock pulse duration
the access time to men	
nessia01 0 (no 000) [0000) (0000)	101
50 ms	
	7-117
Hardock Lane Joseph of Onto	(7 · 1)
Address Address	5.
Helan Deling Today, Santa	20 th page 1 2
Read 40ms of	
writeData.	from memory
extend at interpret we will a series	that are a fine to the control of
Data X	1 1 1 1
for	The state of the s
menory & many many	The first of the second

and who bremenies is sone of the in