Expt. No					Page No.
- Tuna AA	Lholane	_1			
4:1 Mu			70001		
i) 4 dat	a inp	uts (Do Do Da Da)		
1 2 Selec	of line	S (Hos	AD		
11) 1 out	put li	ne co	9		
	table		-		
	AO D		2		
		Q			
1 X		0			
00		Do			
0 0		D	100		
0 1	0	D ₂			
		1)3			
8:10	Multiple	ren		0.0-0.01	
7 8 ga	ata inpi	15	Do, H, Da, Da	Dy, D5, D6, D7)	
1 2 se	lect 1	nes (505,53		
iii 1 an			0.00		
	Table UTs		TPUTS		
	S _o	2	. 0 , 0		
STATE OF THE PERSON NAMED IN	X 1	0	1		
	00	Do			
00	1 0	Di			
01	0 0	D ₂			
01	10	D2	THE RESIDENCE	March 1	
10	00	Dy			RAM N
10	10	Ds			
	00	De			
		Charles and the same of the sa	NAME OF TAXABLE PARTY.		

Expt. No.	Page No. 37
TO EXFR.	ms +
A demultiple function	oms the reverse operation of It takes digital information form listorbutes it to a given ourse
are patout lines	listabutes it to a given number depending upon the select lines.
It has 2 es more	
u relect lines (A, A,	A2, A3)
1-11111113	DUTPUTS
A3 A2 A1 A0 X X X X 1 1	Q = L
00000	Q.
0001000	Q ₂
0011000	Q ₃
010100	Qs O
011000	Q6 Q7
1100000	Q9
101000	Q10
1100000	Q11 Q12
1110100	Q ₁₃
111100	Q 15
	Teacher's Signature

	Date
Expt. No.	Page No. 29
Proceduse (D-MUX) =	
1. Switch ON the supply of the	trainer kit.
2. Identify the 2-bit binary De IC74155 on the trainer kit.	- Multiplex ex
3. Rigo the court as shown in	the below cornit
diagram and very the buth	table.
-4. First make the STR pin-2 the data switch.	as low bit town
5. Second make the DATA INN-	
& 3 as shown in the touth	table
6. This de the output put do 2,0	tor.
to Then the output is verified	with the buth
table given below.	
Conclusion =	
From the wave experiment	we conclude that !
a) With depending on the 21th of the select lines we get	different data
at outrat or the MIX CA	LOS D-MOX.
b) MIX and D-MIX will gener	ate the output
when the croses ponding ENA actue of exame A semain	stat actic(x)
OTA CO	