٨		Z Z	B	A+B	A.B	Janiables A+B	4. B	A.B	A+B
A	B	1	1	0	0	1 1 2 2 6 7	1	19, 1	1
0	0	1	0	1	0	0	0	1	1
1	0	0	1	1	0	0	0	11,000	1 1 3
1	1	0	0	100	1	0	0	0	0
	1						singans		
=	(AB)	s+c)	3+k) Ā)+	+B+C)			Ü		
=	GA)	s+c) s+c)	(Ā) + (Ā) +	3+C)			Ü		
1 1 1	(AR) (AR) (AR) (AR) (AR) (AR)	3+C)	3+k) Ā) + Ā) +	+B+C) +B+C)					
	BAD BAD BAD BAD BAD BAD BAD BAD	3+c +B)	3+k) <del>K</del> ) + <del>K</del> ) + <del>K</del> ) +	+B+C) +B+C) +B)·C +B)·C					

Date	
Page No	15
Forom the table, it is verified that columns 748 as well columns 9410 asie the same.	as
Paroceduace ( )	
1 Place ICs on the balead boased.	
2: Commect Ver and govound (GIND) to their prespective pins. 3: Prioride input Join the skitch.	
1 Commect the output of LED and verify the laws as per the	Atwet s
5 Repeat these steps jos the simplified expression obtained	4.
Result	
1 Vesifical De Mosgan's law Jose two vasilables.	
2. Elimplified the given exposession using De Mosigan's law as implemented using basic gates.	nd
Teacher's Signature :	