CSE350

Digital Electronics and Pulse Techniques

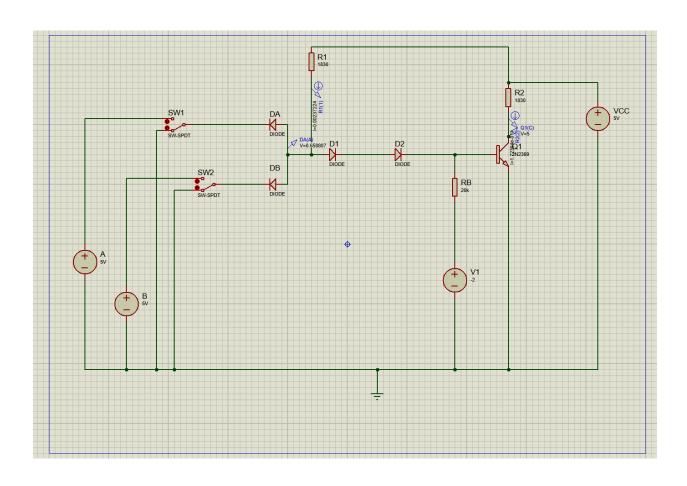
Lab Report

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Section: CSE5

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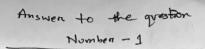


Input	Input B	YDA	Y03	~p	IR.	IR,	V _b	Output
A		0.658	0-658	0-658	0-00237	2-2×10	-0 -5168	5
-			-4.434			AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM		
1-1	0					2.21xb"		
1	1		~2.76 1	1		The state of the s	-	

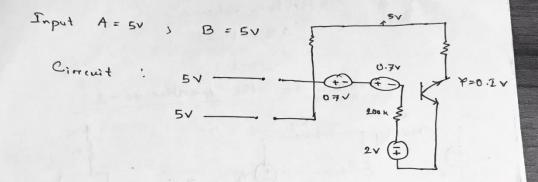
Input A	InputB	~P	V ₆	Output
what Juban	0	0.676	-0 -499	5
1	1	2.156	0.8235	0-0991

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Answer to the gurstion Number - 2

Input A	Input B	Output Y
1	0	5
1	2	0.1

Input 1 is connected to +5V as constant and another value is variable means thanged / changeble.

By keeping input A=5V constant and changing Input B to 0 and 1 the circuit act as Inven, or Not gate.

Answer to the question mumber - 3

Considering A = OV, B = 5V diale DB is off and diale BA is on. Up = 0.7 As a result transiston is cut off and V = 5V.

Again. when the input A=SV, B=OV

the diode is in forward bies and ON. So, diode IA is
is Revenue bies, and OFF. Su, Vp=B-7 and transisten

will be cut off and Y=5V.

-Anomer to the gurstion number - 04

Front A=5V, B=0V -Non Vp=0.7V and Do Vp should be minimum 2.1 V and turned ON.

Np=0.7 and Np=-0.49 of that means the biase voltage of thoriston 1, -0.49-v which it less than 0.5%. That is turned ON.

be in cutoff made.

Answer to the question no-5

Input	Input	artput
OV	01	5√
01	1	57
11	OV	5 V