Lab-Assignment - 06

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Report! Who it moull 1 = (85,25-68) 42 Fig: Output Wave-fooms there is a deviation in the experimental output wave shape forom the desired We can see that experimental lighest lawerst peak differs from theoretical values because rue addidation of consider internal voltage 1 doop. . 1 of Francis of Masson Ann. Ind. insis sidasion

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3) Theoretically,

Time period, T = T, +T2

= 0.60×4.7K×4.74f x2

= 15,2421 X2

30,4842 ms

Experimentally soon pooters.

7 = (83.25-68) × 2 - svolv = (83.25 x 2)

imped all in Mollosivob 20005 and les

So, both timpe periods are ormast similar.

4) Yes, it is possible to use the multivibrator

to create o variable forequency equand

wave generator. It can be done by

oreplacing the constant presistor and capacito with Variable resiston and Variable Capaciton.

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5) Duty Cycle = (PW/T) × 1007. So, we can change the duty cycle of a cincuit by increasing the pulse winth on time period.



