

TABLE (1): FOR THEORETICAL . 28/01/2020  
CALCULATION :  $R_{th} = 750 \Omega$  .

S.No	Load. resistance ( $R_L$ ) in ohm.	Load. current ( $I_L$ ) in mA.	Load voltage ( $V_L$ ) in volts	Load. Power( $P_L$ ) in watts.
1.	750	<del>3.33</del>	2.5	$8.33 \times 10^{-3}$
2.				
3.				
4.				
5.				

TABLE (2): FOR PRACTICAL CALCULATION

S.No	Load. (resistance( $R_L$ ) in ohm.	Load current( $I_L$ ) in amps.	Load. voltage( $V_L$ ) in volts.	Load. Power( $P_L$ ) in watts.
1.	100 $\Omega$ .	5.88 A	0.588 V	3.46 W
2.	250 $\Omega$ .	5 A	1.25 V	6.25 W
3.	500 $\Omega$ .	4 A	2 V	8 W
4.	750 $\Omega$ .	3.33 A.	2.5 V	8.33 W
5.	1k $\Omega$ .	2.86 A	2.86 V	6.62 W
6.	2k $\Omega$ .	1.87 A	3.64 V	6.62 W
7.	5k $\Omega$ .	1.87 A	4.35 V	8.78 W