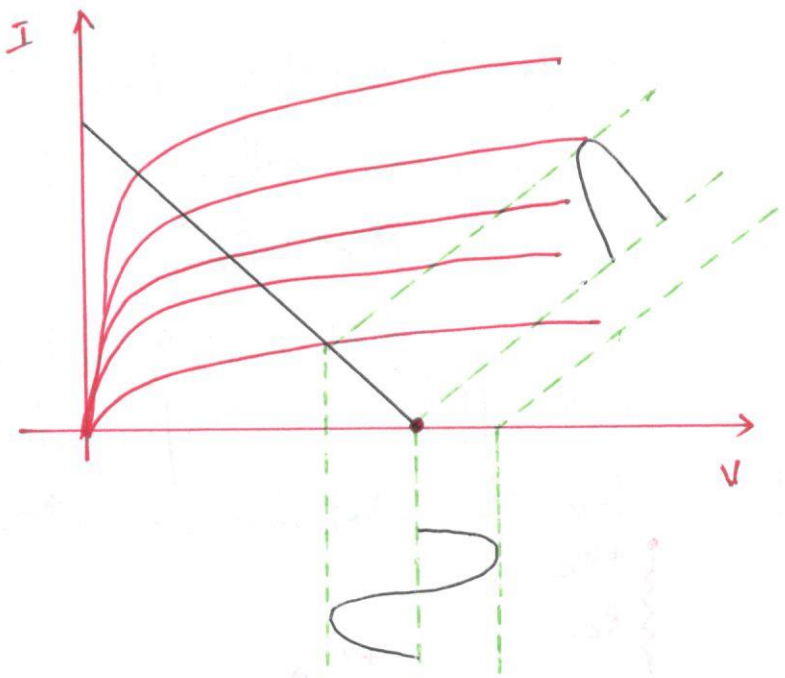
Efficiency:



The effective load Resistance is $R_L' = \left(\frac{N_1}{N_2}\right)^2 R_L$

N_1 → No. of primary turns

N_2 → No. of secondary turns

For class B the dissipation at collector is zero in Quiescent State and increases with excitation.

Advantages of class B Amplifier:

→ High efficiency when compared to the class A configuration

→ push-pull mechanism avoids even harmonics

→ No DC components in the o/p