

(19)

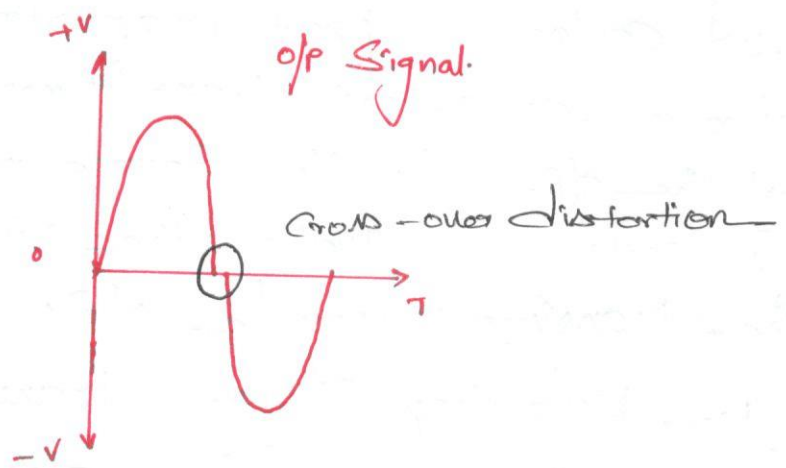
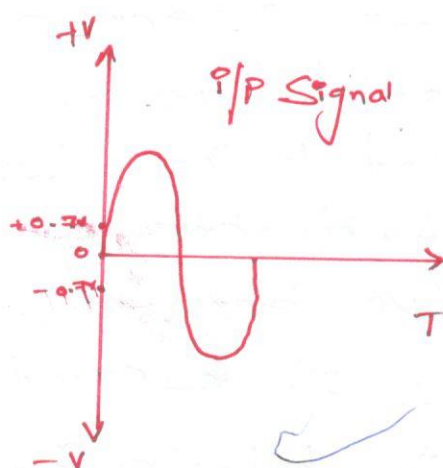
(2)

Disadvantages of Class B Amplifier:

- The major disadvantage is cross-over distortion
- Coupling transformer increases Cost & Size
- It is difficult to find ideal transformer.
- Transformer coupling is not practical in case of huge loads.

Cross-over distortion:

Since the active elements start conduction only after the input signal amplitude has risen above  $0.7V$  the regions of the input signal where the amplitude is less than  $0.7V$  will be missing in o/p signal & it is called as cross-over distortion. The schematic representation is shown below:



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