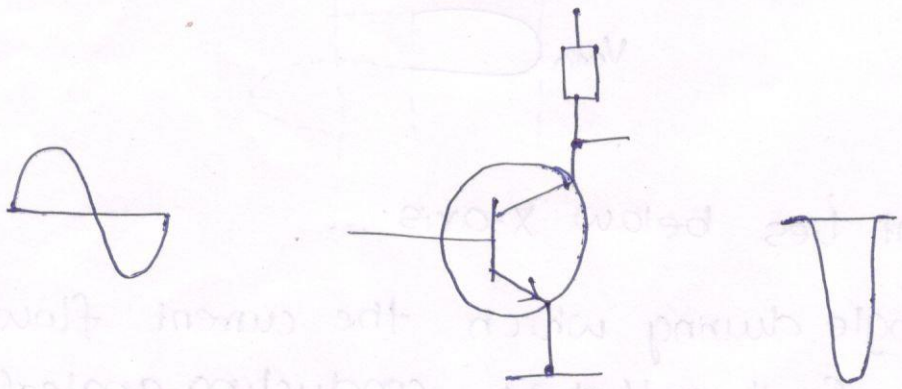
Class C Amplifiers:

* Only half of the i/p signal is given. ie class C amplifiers conduct less than 50% of i/p signal.
* Distortion at o/p is high
* It has higher efficiencies ie 90%. when compared to Class A and Class B.
* Applications:
  - → RF transmitters.
  - → Mega phones.
* I/p signal is used to roughly switch the amplifying device on and off, which causes pulses of current to flow through a tuned circuit.



Definition:

A amplifier is said to be class C; if the Qpoint and i/p signal selected such that o/p signal is obtained for less than half cycle, for a full i/p cycle.