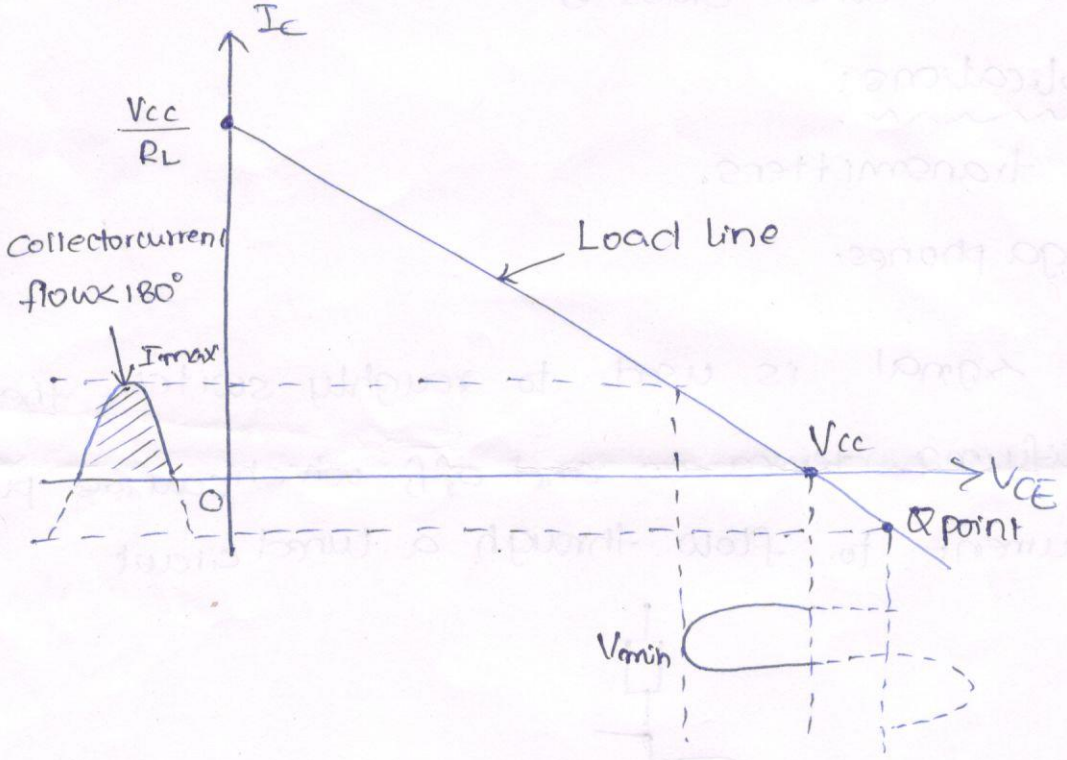
* Due to selection of Q point, only transistor remains active, for less than half cycle, so only that much part is reproduced at o/p.
* for remaining part of i/p signal transistor is cut-off and no signal is produced at o/p.

Wave form of class C



* Here Q point lies below X-axis.
* The total angle during which the current flows is less than 180°. So it called as conducting angle. (θ_c)

→ In class-C, //el resonant ckt acts as a load impedance
→ Since collector current flows for less than half cycle, it consists of series of pulses with harmonics of i/p signal.
→ A //el tuned circuit acting as a load impedance is tuned to i/p frequency. So it filters the harmonic-frequencies and produces sinewave o/p with fundament i/p signal component