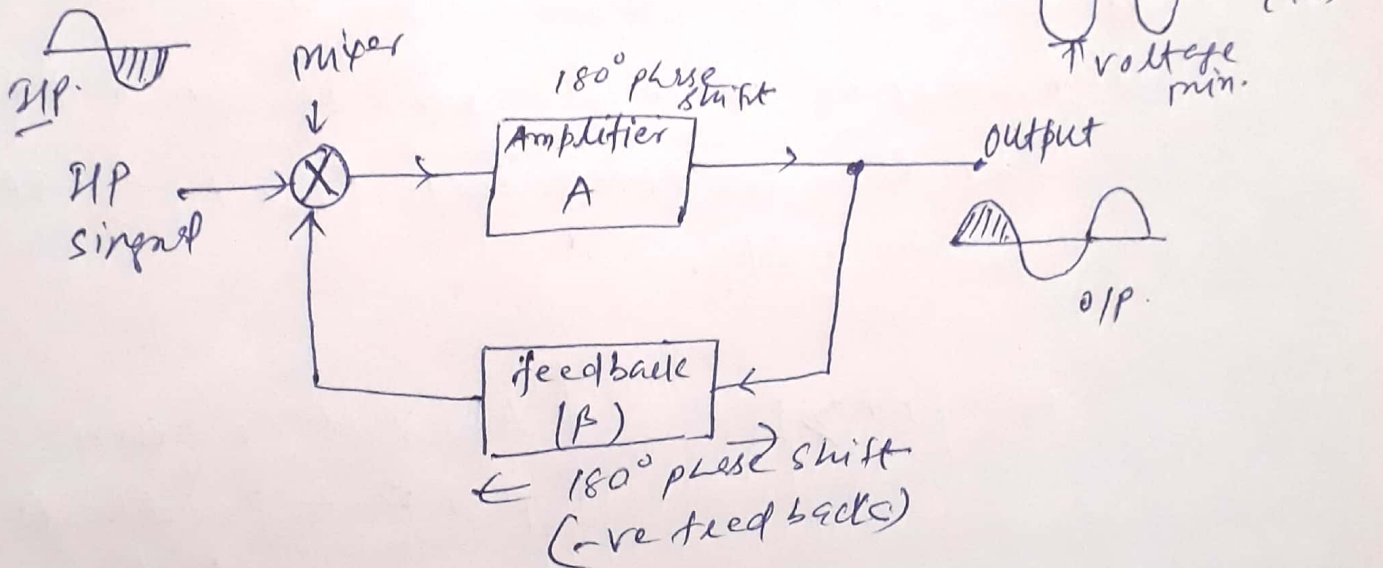


OSCILLATORS (UNIT-3) (60)

1. Oscillators are basically ac signal generators.
(sinusoidal signal is a ac signal.)
2. oscillators generate sinusoidal voltage of desired magnitude, of desired frequency.
3. DC to ac converter.
4. without applied I/P, output ac signal found.
(sinusoidal signal).
5. oscillator is a amplifier.
6. I/P \rightarrow D.C signal then.
O/P \rightarrow a.c found.



\rightarrow if amplifier non-inverting amplifier then give 0° phase shift
 \rightarrow ~~the~~ input always in phase.