AIM OF THE EXPERIMENT (9)

To observe ,trace & measure the effect on the output waveforms of different clipper circuit.

EQUIPMENTS REQUIRED

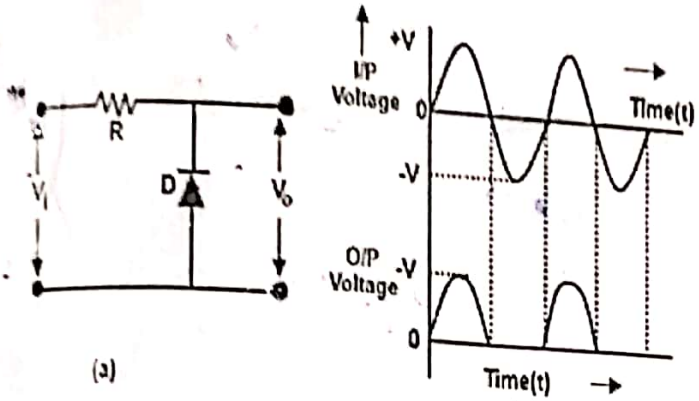
1. Transistor power supply(TPS)
2. Audio signal generator/Function generator
3. CRO

COMPONENTS REQUIRED

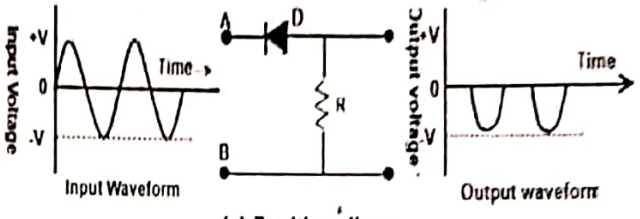
1. Diode(IN4007)
2. Resistor(1K Ohm)
3. DC supply

PROCEDURE

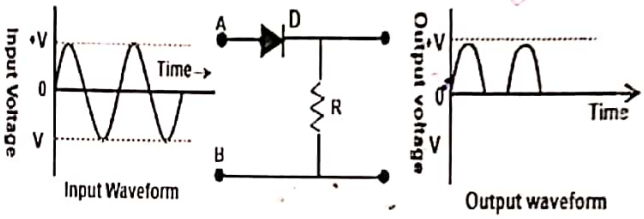
Make connection as per the circuit diagram shown. Trace and measure the output voltage using CRO by applying $10V_{p-p}$ sine wave from audio generator/FG as input.



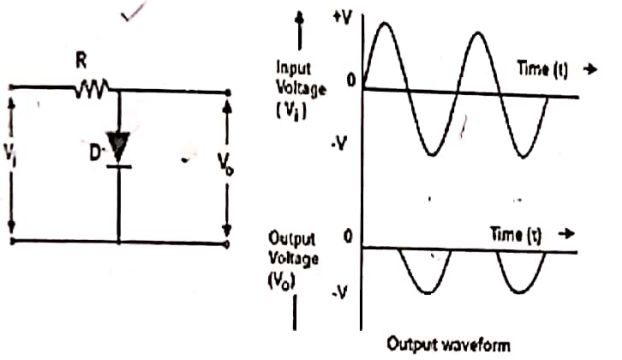
Shunt (parallel) Negative Clipper



(a) Positive clipper



(b) Negative clipper



Shunt (parallel) positive clipper

AIM OF THE EXPERIMENT

To observe ,trace & measure the effect on the output waveforms of different clamper circuit.

EQUIPMENTS REQUIRED

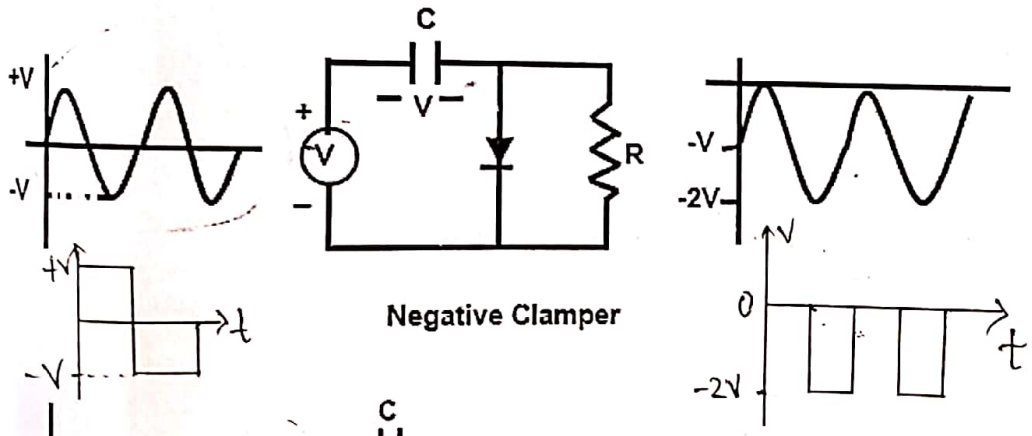
1. Transistor power supply(TPS)
2. Audio signal generator/Function generator
3. CRO

COMPONENTS REQUIRED

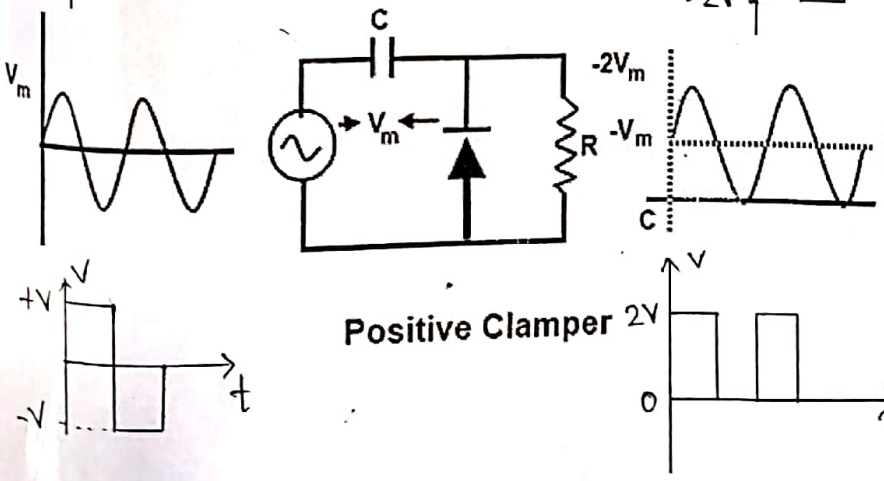
1. Diode(IN4007)
2. Capacitor(0.1 μfarad)
3. Resistor(100K Ohm)
4. DC supply

PROCEDURE

Make connection as per the circuit diagram shown. Trace and measure the output voltage using CRO by applying $10V_{p-p}$ sine wave from audio generator/FG as input



Negative Clamper



Positive Clamper