

VIVA Questions:

a.)A) Half of half wave rectifier

b.) Transistors are made up of semiconductor materials with very low power dissipation. Semiconductors are sensitive to high voltages and current and can be easily destroyed.

These devices are commonly used for switching as well as amplifying action.

Recent developments in semiconductor technology have enabled them to be made to withstand higher currents and voltages.

Switch mode power supplies use transistors which work at 300v and many amps.

c)101.1mA

d)MOSFET

Circuit Diagrams:





