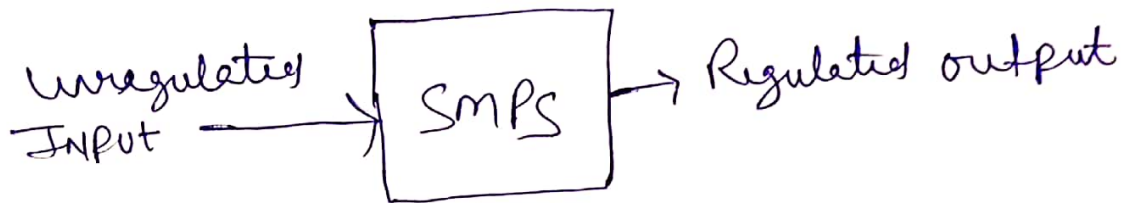


Ques-6: What is main process of SMPS?

Ans: SMPS is defined as when the power supply includes with the switching regulator form converting electrical power from one form to another form with necessary characteristics is called switch mode power supply. This power supply is used to attain regulated DC/O/P voltage from the DC/I/P voltage or unregulated AC.



SMPS is a complicated circuit like other power supplies it supplies from a source to the loads. MPS - electronic appliances which consume power and also for designing electronic projects in this power source a high voltage DC power is directly acquired from a DC power source. Then this high voltage DC power is switched usually in the range of μ sec to a step down transformer, just this power is used as a source for loads and the oscillator. ON time is controlled and a closed regulator is formed.