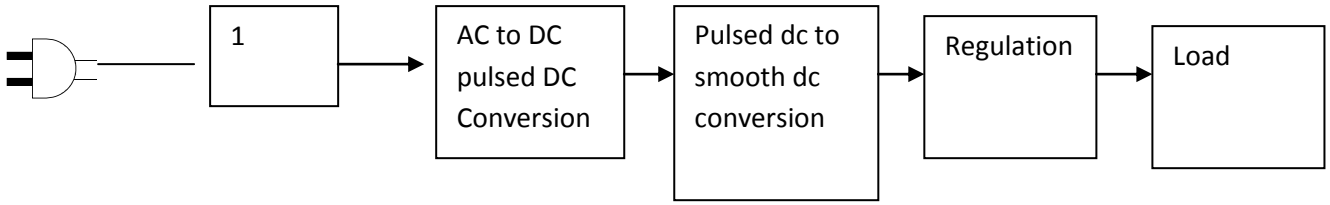
H011 Online Test

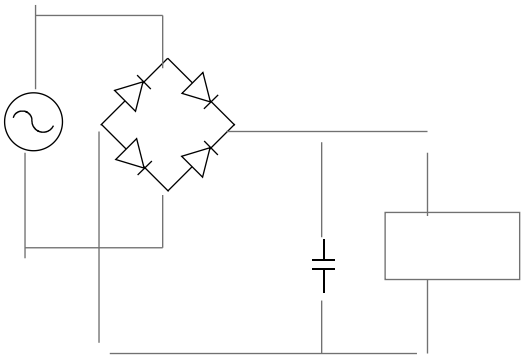
Ref435



The stage 1 is

A	DC level conversion	B	AC level conversion
C	Input sensor	D	Providing protection
	Answer		

Ref436



The name of given circuit is

A	Single phase full wave rectifier	B	Single phase half wave rectifier
C	Three phase full wave rectifier	D	Three phase half wave rectifier
	Answer		

Ref437

The dc output voltage produced by centre tapped transformer rectifier is

A	Vdc= 0.5 Vmax	B	Vdc= 0.73 Vmax
C	Vdc= 0.636 Vmax	D	Vdc= 0.707 Vmax
	Answer		

Ref438

For bridge rectifier , ripple frequency is equal to

A	Supply frequency	B	Three times supply frequency
C	Half of supply frequency	D	Two times supply frequency
	Answer		

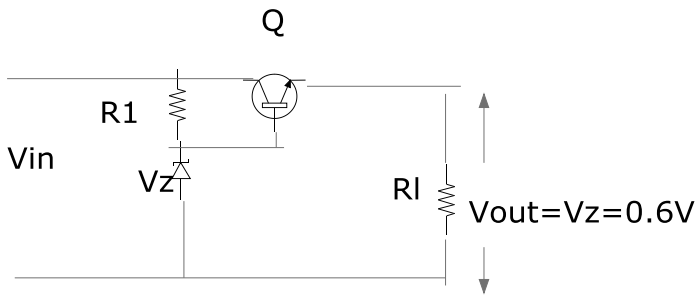
Ref439

Calculate the load resistance & capacitance size of a full wave rectifier that supplies 40V dc with 3% ripple voltage at 250mA to a resistance load. The rectifier circuit is supplied with 60HZ AC. Ripple frequency 50HZ.

A	160Ω, 31.25µF	B	320Ω, 62.5µF
C	100Ω, 10µF	D	60Ω, 15µF
	Answer		

Ref440

The following circuit is



A	Shunt transistor regulator	B	Regulator with feedback
C	Operational amplifier	D	Series transistor regulator
	Answer		

Ref441

The regulator with feedback is constructed with the following values. R2= 1 KΩ, R3= 2 KΩ, Rsc=0.6Ω

Calculate power output Pd

A	30W	B	60W
C	90W	D	15W
	Answer		