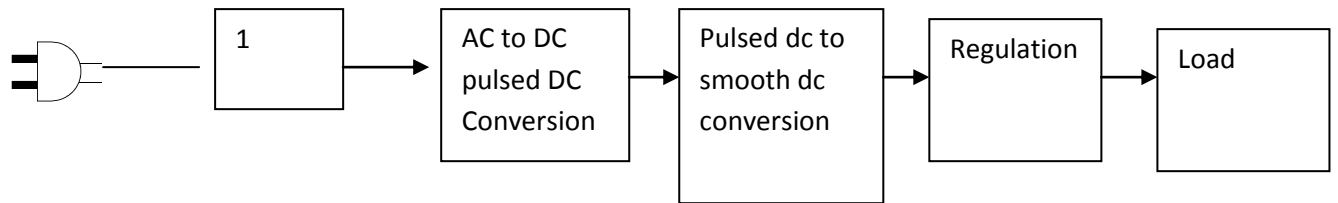


H011 Online Test

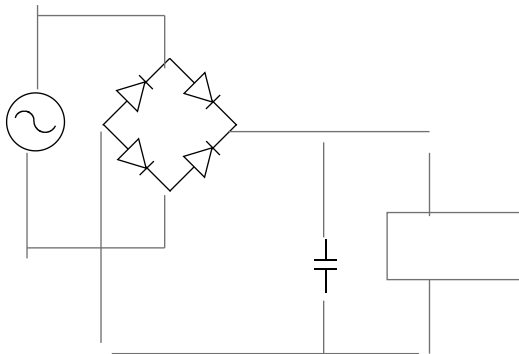
Ref435



The stage 1 is

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

Ref436



The name of given circuit is

A	Single phase half wave rectifier	B	Single phase full 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	$V_{dc} = 0.5 V_{max}$	B	$V_{dc} = 0.73 V_{max}$
C	$V_{dc} = 0.707 V_{max}$	D	$V_{dc} = 0.636 V_{max}$
Answer			

Ref438

For bridge rectifier , ripple frequency is equal to

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

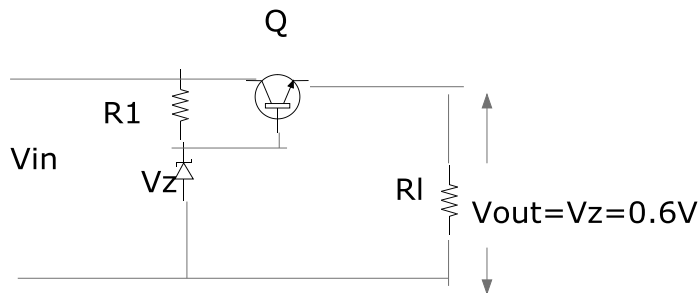
Ref439

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

Ref440

The following circuit is



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

Ref441

The regulator with feedback is constructed with the following values. $R_2 = 1\text{ k}\Omega$, $R_3 = 2\text{ k}\Omega$, $R_{sc} = 0.6\Omega$

Calculate power output P_d

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