H013 Online Test

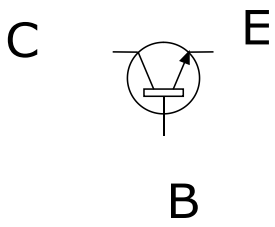
Ref442

Which formula is wrong

A	Av = Vin /Vout	B	db $_{AI}$= 20 log Iout/Iin
C	db $_{Ap}$= 10 log Pout/Pin	D	db $_{AV}$= 20 log Vout/Vin
	Answer		

Ref443

The following transistor is



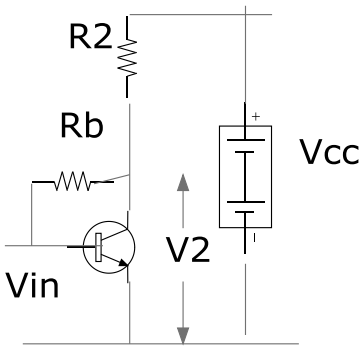
A	FET	B	PNP Transistor
C	NPN Transistor	D	Zenar
	Answer		

Ref444

The transistor which produces an output for half of input cycle (180°) is

A	Class B	B	Class A
C	Class AB	D	Class C
	Answer		

Ref445



This circuit is

A	Base bias	B	Dual supply bias
C	Voltage divider	D	Collector bias
	Answer		

Ref446

To achieve high current power gain, voltage gain less than 1.medium to high input resistance (10Ω to 100K Ω) Low output resistance (Tens of ohms), Buffer and isolation stages)

A	Common base circuit is to be used	B	Common emitter circuit is to be used
C	Common collector circuit is to be used	D	
	Answer		

Ref447

The following formula

$Av = Ai$, $Ai = I_c / I_E$ $R_{IN} = re$ $R_o = R_c$

can be used for

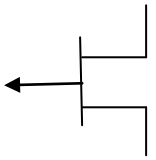
A	CB Amplifier	B	CEAmplifier
C	CE Amplifier	D	
	Answer		

Ref448

In _____ transistor, input is given at source and gain is less than 1

A	Common source FET	B	Common gate FET
C	Common drain FET	D	
	Answer		

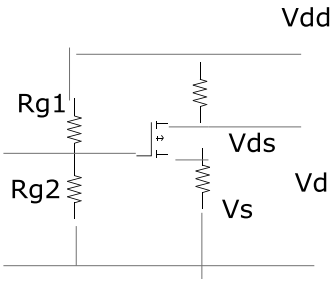
Ref449



This FET is

A	P Channel FET	B	N channel FET
C		D	
	Answer		

Ref450



This circuit is

A	Voltage divider bias	B	JFET bias
C	Self bias	D	
	Answer		