

EECS312 Quiz 6

A BJT Consists of 2 PN Junctions. Label the Junction Names and fill in the Table for the operating modes.

	PN Junctions	
	<u>BEJ</u>	<u>BCJ</u>
Cutoff Mode	<u>RB</u>	<u>RB</u>
<u>Saturation Mode</u>	Forward Biased	Forward Biased
Active Mode	Forward Biased	Reverse Biased
<u>Reverse Active</u>	Reverse Biased	Forward Biased

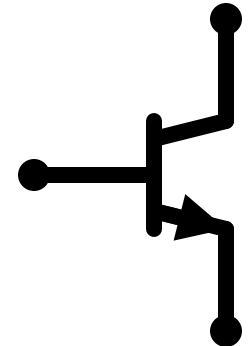
Label the Three Terminals Names and Semiconductor Type.

1.Name Collector

Type N

2.Name Base

Type P



3.Name Emitter

Type N