UM-SJTU JI Summer 2019 VE 320 Quiz 4

	Name:	Student ID:
1. From the fabrication point of violist at least 2 reasons.	ew, why is Si the dominan	t material in the semiconductor industry? Please
		$V_{\rm R}=8$ V. The doping concentrations are $N_{\rm a}=5$ of the pn junction, and determine $x_{\rm n}, x_{\rm p}, W$, and

 $|E_{\rm max}|$. Please provide the process of derivation.