							Temp			
							20	40	60	80
For Q1(b), Zener bre	akdown is 17.5V so, assu	me R1 = 1k which imp	lies R2 = 7k and	for current 0.05mA	rough zener, Rs = 250k					
Temperature Coefficient = -0.9mV/0C						200				
or Zener Diode, Vol	tage across the diode in r	everse bias decreases	with increase in	temperature		>				
						Vd (in mV)				
Temperature Coeffici	ent = -1.5mV/0C						400			
20	659									
30	644						600			
40	626						000			
50	611									
60	595						800			
70	579					Vd (in mV) vs. Temp				
80	562					//d	(in m\/) ve T	amn		
Γemp Vd	(in mV)									