

The Hong Kong University of Science and Technology Department of Electronic and Computer Engineering

ELEC2400	2400 ELECTRONIC CIRCUITS		FALL 2021-22
Lab Section No. :Name :			Number :
	LAB 2 –	PSpice Circuit Simulation	
Q1. Complete	e Table 1 according to yo	ur simulation results.	
		Table 1	
		PSpice Simulation Results]
	Voltage Va Current Ia		
Q2. What is the	e simulated Vab?		_V
$\mathbf{Q3}$. What is the simulated V_{OC} ?			_V
Q4 . What is the simulated I_{SC} ?			_A
Q5 . What is the calculated R_T ?			_Ω
Q6 . What is the calculated I ₀ ?			_A
Q7 . What is the calculated V_{ab} ?			_V
Q8. What is the simulated Va?			_V
$\mathbf{Q9}$. What is the equation of $V_a(t)$?			_V
Q10. What is the maximum Va?			_V
Q11. What is the frequency?			_Hz
-	I the circuits and wavefo		_Hz / NO