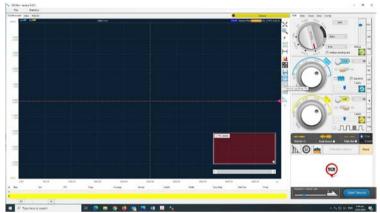
The Hong Kong University of Science and Technology **Department of Electronic and Computer Engineering**

ELEC2400	ELECTRONIC CIRCUITS	FALL 2021-22
Lab Section No. :	Date :	
Name:	Student Number:	

LAB 1(a) – Instrumentation and Measurement **Answer Sheet**

- Q1. What is the phase difference θ between the sine waves? $\theta =$ _____????____
- Q2. Capture the corresponding waveform of $V_A(t)$ and V(t) when you measure the phase difference θ in Q1.



- Q3. What is the phase difference θ using the Lissajous plot? $\theta =$ ______????____
- Q4. Capture the corresponding waveform of $V_A(t)$ and V(t) when you measure the phase difference θ in Q3.



- Q4. What is $V_A(t)$, when V(t) is $1*\cos(2\pi 1kt)$ V? Q5. Show all the circuits and waveform to TA. (YES / NO)