Discrete- Time Signals and Systems

Lab 4 Marking Sheet

Name: Student ID:

Lab Section: Lecture Section:

	Submitted	Score
Q1(b)	✓ Code to read the audio file? ✓ Sampling rate? ✓ Calculate bit-rate and duration?	/3
Q2(a)	✓ Code to calculate DFT?	/2
Q2(b)	✓ Value of $X[0], X[1]$ and $X[2]$?	/2
Q2(c)	✓ Code for scaling $X[r]$?	/1
Q2(d)	✓ Code to generate magnitude plot (in dB) and plot? ✓ Code for proper scaling of frequency axis?	/2
Q2(e)	✓ Comments?	/1
Q3(a)	✓ Generated pwelch plot?	/1
Q3(b)	✓ Frequency range in which the signal has most energy?	/2
Q3(c)	✓ Frequency of the tonal noise?	/1
Q4(b)	✓ Comments and observations about the image?	/2
Q4(c)	✓ Generated Spectrum of the image	/1
Q4(d)	✓ 2-D frequencies of the noise peaks?	/2
Report format and documentation		/5
Total		/25