

ECE-395: Lab 8 – Worksheet**Group:** _____**Date:** _____**Names:** _____
_____**Part 1:**

Using the default setting of SysTick_Config(2000000):

1. What is the SysTick reload value: _____
2. What is the measured frequency for PTB0: _____
3. Calculate the processor clock rate: _____

Modify the line to SysTick_Config(5000000):

1. What is the SysTick reload value: _____
2. What is the measured frequency for PTB0: _____
3. Calculate the processor clock rate: _____

Part 2:

1. What is the address of the LDR R1,[R0] instruction : _____
2. After the HardFault_Handler is called look at the 32-bit address pushed to the stack at SP+0x18: _____