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:______________