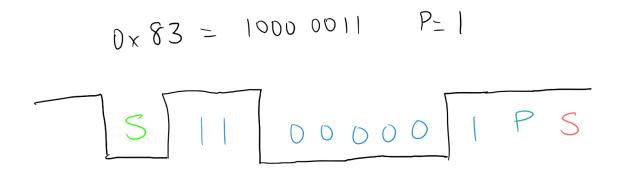# EE 3171 Quiz 5 Solutions

1. 80000000/(16 * 56600) = 88.339222614840989.
BRDI = 88.
BRDF = 0.339222614840989 * 64 + 0.5 = 22.

2.

0x 83 = 1000 0011   P = 1

S | 1 1 | 0 0 0 0 0 | 1 | P | S

3. A "blocking" request will prevent any other actions until the request is completed. A "non-blocking" request will allow other actions to occur if the request cannot be completed.

4. SPI doesn't use a start bit.

5. In (0,1) Mode, the clock idles low and we skip one edge before sampling data. In other words, this is a falling edge-triggered bus.