Department of Electrical and Computing Engineering

UNIVERSITY OF CONNECTICUT

ECE 3411 Microprocessor Application Lab: Fall 2016

Question XIIII

There is 2 questions in this quiz. There are 2 pages in this quiz booklet. Answer each question according to the instructions given.

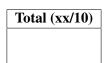You have **5 minutes** to answer the questions.

If you find a question ambiguous, be sure to write down any assumptions you make.
Be neat and legible. If we can't understand your answer, we can't give you credit!

Write your name in the space below. Write your initials at the bottom of each page.

THIS IS A CLOSED BOOK, CLOSED NOTES QUIZ.
PLEASE TURN YOUR NETWORK DEVICES OFF.

Any form of communication with other students is considered cheating and will merit an F as final grade in the course.

Do not write in the box below

Total (xx/10)

Name:

Student ID:

1. What is context switching? List at least three kinds of data which needs to be saved in a context switch.

2.

(a) How many wires does the SPI protocol use?

(b) What is each wire used for?

(c) Is SPI a synchronous protocol?

(d) Is it full duplex?

End of Question

Please double check that you wrote your name on the front of the question.

Initials: