Name: **Id#**

COE 306, Term 171

Introduction to Embedded Systems
Quiz# 1

Date: Tuesday, Oct. 3, 2017

Q1. What is an embedded system? Give two examples of embedded systems.

Q2. One of the main characteristics of embedded systems is that they must finish operations by meeting real time deadlines. Explain the types of real time deadlines and give an example of each.

Q3. List the steps involved in the design process of an embedded system.

Q4. Describe what the specification of an embedded system should provide and what it should not.

Q5. Give two examples of non-functional requirements.

Q6. Describe what is defined in a class in UML.

Q7. In UML, a state machine is event driven. Describe two types of events that may occur which make the system move from one state to another.