

Name:

Student ID:

CSE 4105: Computing for Engineers

Quiz #01: Introduction to Computer & Number Systems

Wed 13 Feb 2019 9:30am

Time: 15 Mins

Marks: 15

Answer briefly. Emphasize on keywords and bullet points.

1)	Define software and firmware and outline their relationships.	3
2)	How do you define 2's complement number system? (DO NOT describe the conversion system)	3
3)	Name three types of memory and storage devices (as broad category, DO NOT need to mention any technology).	3
4)	Convert $(123)_{10}$ to a base-4 number.	3
5)	What is the decimal value for the number $(22112)_3$?	