**Assignment on Computer Organization and Architecture**

**Last date for submission is 22nd April 2019. Credit for this assignment is 10 marks. This assignment is taken from two books as given below. Assignments to be handwritten. No credit will be given for submission of print assignments. There will be class test of 10 marks on 22nd April 2019.**

1. Computer Organization and Architecture, William Stalling, 9th Ed.

Chapter 5: Cache Memory

Problems 1 to 20

Chapter 6: Internal Memory

Problems 4, 6, and 8

Chapter 11: Computer Arithmetic

Problems 1 to 40

Chapter 14: Instruction Sets: Addressing Modes and Formats

Problems 1 to 13

1. Computer Organization, Hamacher, Vranesic and Zaky, 5th Ed.

Chapter 5: The Memory System

Problems 5.1 to 5.19

Chapter 6: Arithmetic

Problems 6.5, 6.9, 6.10 to 6.13, 6.17 to 6.20, 6.23 to 6.26

Chapter 7: Basic Processing Unit

Problems 7.4, 7.5, 7.24, 7.24 to 7.29