IT110 Computer Organization

Final exam will cover all contents from week 2 to week 13:

Chapter 1: (Only Slides 1 - 19): Computers and Systems

Chapter 2: (Only Slides 1 - 22): Introduction to Systems Concepts and Systems Architecture

Chapter 3: Number Systems

Chapter 4: Data Formats

Chapter 5: Representing Numerical Data (BCD Multiplication and Slides 31-46 Not Included)

Chapter 6: The Little Man Computer

Chapter 7: The CPU and Memory

Chapter 8: The CPU and Memory, Design, Enhancement, and Implementation

Chapter 9: Input / Output

Chapter 10: Computer Peripherals

Week 9's Content: Instruction set architecture (CISC VS RISC)

The exam structure is as follows:

MCQs, fill in the blanks, Short and Long Answer

Question Type Contents

MCQs / Fill in the blanks All contents

Short Answer Chapter 3, 4, 5, 6, 7, 8, 9, Week 9's (ISA)

Long Answer Chapters 8, 9, 10

Short/Long Answer Questions:

• Short Answer questions

write your answers to the point with very brief explanation.

• Long Answer questions

MUST explain in details and draw diagrams if required.

Good Luck