Expected Learning Outcome: Students will learn how to apply set algebra and elementary logic to solve problems.
Do all of the following problems. Each problem is worth 5 points. The TA/grader will pick 10 of these problems randomly and grade only those 10 problems. You must write the answers to the questions in the same order in which they appear

Section 2.2: 14, 16(parts e and d only), 18b, 18c, 32, 36
Section 2.3: 6, 8(f, h only), 12(b, c only), 16, 36, 38, 58(note that a byte is 8 bits)
Section 2.4: 10(a,c,d only), 16(a,b,c only)

Additional problems for you to practice. Do not turn in solutions to these problems.
Section 2.2: 4, 8, 15, 25, 26, 31
Section 2.3: 10, 16, 18, 23, 24, 32, 46, 56, 60, 68
Section 2.4: 6, 7, 9(a,b,c), 17(a,b), 31, 32