

CSCI 538 Computability

Assignment 3 (10 marks)

Question 1 (2 marks)

Problem 7.12 (7.11, 2nd edition)—the ISO problem.

Question 2 (2 marks)

Problem 7.26 (7.24, 2nd edition)—the Not-All-Equal-3SAT problem.

Question 3 (2 marks)

Problem 7.27 (7.25, 2nd edition of Sipser)—the MAX-CUT problem.

Question 4 (2 marks)

Problem 7.29 (7.27, 2nd edition of Sipser)—the 3COLOR problem.

Question 5 (2 marks)

Problem 7.31 (7.29, 2nd edition of Sipser)—the scheduling problem.

Date Due: before the end of class on **Thursday, Nov 2, 2017**. No late assignment will be accepted.