Marking Sheet   Assignment 4   CS370 Spring 2017

   Name: ....   ID:................

   Section: 1 (2:30pm)   2 (1:30pm)

1. PA = LU factorization   (5) _____

   solution   (5) _____

                                                     ..../10

2. (a) recurrence equations   (10)_____

   (b) cost   (5)_____

   (c) cost   (5)_____
                                                     ..../20

3. (a) LU   (5) _____

   (b) quadratic solve algorithm   (5) _____

                                                     ..../10

4. (a) Google matrix   (5) _____

   (b) PageRank algorithm   (10)_____

   (c) verification   (5) _____

                                                     ..../20

5. positive Markov matrix

                                                     ..../15

6. (a) PageRank function   (15)_____

   (b) math_uwaterloo.mat   (10)_____

                                                     ..../25

   Total: (100)   _____