

Print Name: _____

Q	1	2	3	4	Total
P	/25	/75	/75	/25	/200

STAT 2380, Fall 2005
Statistical Methods I
Project – Due November 29, 2005

You are encouraged to use MINITAB (or other statistical software of your choice) to work on this project. However, you must write out your answer to every question clearly. You may attach MINITAB outputs and reference them as appropriate to support your answers, but the computer outputs by themselves will NOT receive any credit.

Question 1 [25 points]

For the two sets of data in Problems #7.2 and 7.4 (p.472-473). Calculate the following statistics: mean, standard deviation, five number summary, range and interquartile range.

Question 2 [75 points]

Work out Problems #7.2 and 7.3 on P.472

Question 3 [75 points]

Work out problem #7.4

Question 4 [25 points]

Explore the two sets of data in Problems #7.2 and 7.4 again. Do you think vitamin A level and CRP level are correlated? If so, what is the nature of the correlation? Give reasons to justify all your answers.