**SPRM[1,1] – Why We Do It Quiz Cortland Watson**

Part I – Individual Quiz (Before Class)

Part II – Group Quiz (During Class)

1. What are the structural features of the Simplest Split Plot/Repeated Measures Design (2 pts)?

Has units of two different sizes. Larger units are blocks to smaller.

Has two treatments or combinations. One of them is larger in a CR design. The other gets treatment like CB.

Between-blocks factor (groups of rows)

Blocks = Whole plots = Larger units (rows)

Within-blocks factor (columns)

Interaction (groups of rows X columns)

1. What is the CR step of the Split Plot Design (2 pts)?

CR : Randomly assign levels of the between –blocks factor to equal number of blocks = whole plots.

CB : Randomly assign levels of the within blocks factor to subplots separately within each block

1. What are the two kinds of variability with a SP/RM design (2 pts)?

Treatment Structure

Assigning treatments to units

**End of Part I**

1. Were you in class on time (2 pts)?

Yes