

Geol 210 – Historical Geology

Exam Two Study Guide

The second exam will be composed of 20 multiple choice questions (each worth 1 point – total 20 points), a set of 5 questions on relative dating of rocks based on a geologic cross section (worth 2 points each – total 10 points) and an essay about clastic rocks (10 points). The multiple choice questions will be drawn from the multiple choice questions in the “Review Questions” at the end of the chapters containing material we have covered since the last exam (chapters 4, 5, 6).

The cross section will be similar to the one we did in our in class activity as well as the one available on BlackBoard. The cross section will be different, but the questions will be similar; you will be asked to determine the relative age of rock units and then identify which correlation principle allowed you to make that relative age determination.

The 10-point essay will require you to write a short essay in which you explain all of the processes necessary to form sandstone (a clastic sedimentary rock) composed of well-rounded, well-sorted quartz sand and containing fossils from a shallow marine environment.

The essay must be an essay, not a list of sentences. Your essay will be graded based on content, syntax, grammar and spelling. You will lose points if I cannot understand what you have written.