

Geol 210 – Historical Geology

Exam Three Study Guide

The third exam will be composed of 30 multiple choice questions (each worth 1 point – total 30 points) and an essay about the geologic history of “North America” during the Paleozoic (20 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 8, 9, 10, 11, 12).

Essay Question (20 points): In a well-written essay, summarize the geologic history of the continent that we now call North America during the Paleozoic. Your essay must include all of the following geologic events:

The Acadian, Antler, Alleghanian/Ouachita and Taconic orogenies
The assembly of the continents Laurasia, Laurentia and Pangaea
The complete loss of the Iapetus Ocean
The Absaroka, Kaskaskia, Sauk and Tippecanoe transgressions

You must include the relative age of each event (in which geologic period each geologic event occurred and how are they related to each other in time) and what caused all of the geologic events except the transgressions. Your essay must be written in Standard English as an essay, not a list of phrases. Spelling does count. You will be provided with a geologic time scale to help you with your essay.