

GY 112 "Word/Concept List" For Lecture Test Three (2017)

Be familiar with these 30 terms, multiple terms and/or concepts. You will see *some* of them in the definition and compare and contrast components of the up-coming Lecture test. They are **not** the only things that you are responsible for on the exam. Multiple answer, fill-in-the-blanks and essay questions will require comprehensive study of your lecture notes and web lecture notes. Use of a text book (hardcopy or electronic) during studying is not required, but may prove valuable for some students.

Cordilleran Mountains
Western Interior Seaway (epieric seaway)
Accretionary tectonics
Taconic, Acadian, Alleghenian orogenies
Antler, Laramide, Sonoman, Nevadan, Sevier orogenies
salt diapir
Smackover Formation
Tethys Seaway
Archaeopteryx
tsunamiite
Flood basalts
Deccan Traps/Siberian Traps
Long Cretaceous Normal Chron
Epochs (Paleocene, Eocene, Oligocene, Miocene, Pliocene, Pleistocene, Holocene)
Angiosperms/Gymnosperms
placental, monotreme, marsupial mammals
cephalopod
Basin and Range Province, Colorado Plateau, Columbia River Plateau
scablands
Juan de Fuca Plate, Cocos Plate, Pacific Plate, Farallon Plate
Yellowstone Hot Spot
Greenhouse, Icehouse Earth
Interglacial, glacial Stages
Citronelle Formation
deep ocean currents (Antarctic/Arctic bottom water)
Milankovitch cycles (precession, eccentricity, obliquity)
Stable isotope geochemistry
Incised valleys, Baseline (rivers)
Mass extinction

GY 112 Essay Question For Lecture Test Three (2017)

In addition to this word list, I present you with one of the 3 essay questions that will appear on Lecture test 3.

How did the Cordilleran Mountains form in the Mesozoic and Cenozoic eras and in which way(s) were they different than the way in which the Appalachian Mountains formed in the Paleozoic? Discuss when and how specific orogenies occurred and use **several relevant sketches** to illustrate your answer.