

## **Earth Science Final Exam Study Guide Semester II (3rd & 4th Quarters)**

This is a comprehensive exam that covers ALL of the materials covered in the Science Notebook and it includes questions from Labs, Projects, Reading Assignments, and Weekly Assignments. Only students with a "Perfect Notebook" are exempt from the exam.

Answers must use the correct science terminology in clear, complete, and well written answers. The test includes essay questions, drawing, labeling and explaining diagrams, charts and graphs.

**\*\*A colored coded class 5X7 note card will be provided and may be made IN Class Only, for use on the final Exam.**

### **Section 1: Washington Geology - Study your puzzle and the Department of Natural Resources (DNR) Web site Link on the class SharePoint**

- A. Know the Names and Ages of all the major geologic units and events in the State, a. (Example – The Columbia River Basalts are approximately 120 individual layers of rock that make up a Lava Plateau ranging in age from 17 million years old to 6 million years old).
- B. Know the Names of all of the specific rock types (example – The Columbia River Basalts are a mafic extrusive igneous rock)
- C. Tell how it was formed (example – It is believed that a hotspot melted through the existing ocean crust of basaltic rock and lava flowed out of feeder dikes and fissures in the area where the Oregon, Washington and Idaho borders meet.

### **Section 2: Models of the Earth – Finding Locations and Types of Maps**

#### **Chapter 3 Sections 1&3 –Study your Text book (pages 53-56 and 63-68)**

- A. Distinguish between latitude and longitude.
- B. Explain how latitude and longitude can be used to locate places on the Earth's surface.
- C. Explain how a compass can be used to find directions on Earth's surface.
- D. Explain how elevation and topography are shown on a map.
- E. Describe 3 types of information shown in geologic maps.
- F. Identify two uses of soil maps.

### **Section 3: The Rock Record – Determining Relative Age and the Rock Record**

#### **Chapter 8 Sections 1 & 3 – Textbook (pages-185-190 and 197-200)**

- A. State the principal of Uniformitarianism.
- B. Explain how the law of superposition can be used to determine the relative age of rocks.
- C. Compare the three types of unconformities.
- D. Apply the law of crosscutting relationships to determine the relative age of rocks.
- E. Describe four ways in which entire organisms can be preserved as fossils.
- F. List five examples of fossilized traces of organisms.
- G. Describe how index fossils can be used to determine the age of rocks.

# Earth Science Written Final Exam Study Guide

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Center (U.S.)**



## **Earth Science Written Final Exam Study Guide:**

Foundations of Earth Science Study Guide Edward J. Tarbuck, 2001-02-15 Includes Learning Objectives Chapter Review Chapter Outline Vocabulary Review Key Terms Comprehensive Review and Practice Tests **Earth Science** National Learning Corporation, 2020-03-15 **Regents Earth Science Exam Secrets Study Guide** Mometrix High School Science Test Team, 2015-02-25 Regents Earth Science Exam Secrets helps you ace the Regents without weeks and months of endless studying Our comprehensive Regents Earth Science Exam Secrets study guide is written by our exam experts who painstakingly researched every topic and concept that you need to know to ace your test Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined Regents Earth Science Exam Secrets includes The 5 Secret Keys to Regents Test Success Time is Your Greatest Enemy Guessing is Not Guesswork Practice Smarter Not Harder Prepare Don't Procrastinate Test Yourself Maximizing Your Preparation including Test Taking Tips Final Tips for Test Day Along with a complete in depth study guide for your specific Regents Test and much more

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*online materials information resource matweb* - Aug 08 2023

web material property database with data sheets of thermoplastic and thermoset polymers such as nylon polycarbonate polyethylene metal alloys aluminum steel titanium nickel cobalt and zinc alloys ceramics lubricants free search tools



**steel standards standards products standards publications** - Mar 03 2023

web steel standards astm s steel standards are instrumental in classifying evaluating and specifying the material chemical mechanical and metallurgical properties of the different types of steels which are primarily used in the production of mechanical components industrial parts and construction elements as well as other accessories

**engineering materials specifications and characteristics tables** - Feb 19 2022

web material terms and definitions definitions related to engineering materials and metals metal melting temperatures melting point of a substance depends on pressure properties of metals thermal metals in general have high electrical conductivity high thermal conductivity and high density