



**Mid-Term Exam Earth Science 2015
Test Summary Report**


12/10/2015

QUESTION BANK	# OF QUESTIONS	POINTS
Not associated with a question bank	50	50
TOTAL	50	50

QUESTION TYPE	# OF QUESTIONS	POINTS
Multiple Choice	50	50
TOTAL	50	50



Click a keyword link to access remediation content.

LEARNING OBJECTIVE	KEYWORDS 	# OF QUESTIONS
1.1 - Describe Earth's four major spheres. Hydrosphere, Atmosphere, Geosphere, and Biosphere.	No Keywords Found	1
2.1 Compare and contrast the three major types of chemical bonds. Chemical Bonds: Ionic, Covalent: Metallic p. 40-43	No Keywords Found	1
2.1 Explain how elements are related to minerals	minerals - atoms:elem...	1
2.1 Explain what compounds are and describe why they form. Compounds p. 39	No Keywords Found	1
2.2 List five characteristics of minerals. Define Mineral p. 45	No Keywords Found	1
2.2 List some of the major groups of minerals. Silicates p. 47	No Keywords Found	1
2.3 Describe some other properties that can be used to identify minerals. p. 54	No Keywords Found	1
2.4 Define elements and explain how they relate to compounds.	atomic structure -prot...	2
2.11 Define the terms luster, crystal form, streak, and Mohs scale.	minerals, physical pro...	1
3.1 Define the term rock. pg. 66	No Keywords Found	1
3.1 Describe the rock cycle. pg. 67	No Keywords Found	3
3.1 Identify the three major types of rocks and explain how they differ. pg. 66	No Keywords Found	2
3.1 List the forces that power Earth's rock cycle. pg. 69	No Keywords Found	1
3.2 Compare and contrast intrusive and extrusive igneous rock. pg. 71	No Keywords Found	1
3.3 Describe the major process in the formation of sedimentary rock. - erosion, p. 76; deposition, p. 76; compaction, p. 76; cementation, p. 76;	No Keywords Found	1
3.4 Classify metamorphic rocks. - classified by texture; foliated and nonfoliated texture pg. 83	No Keywords Found	1
3.5 Compare and contrast intrusive and extrusive igneous rocks.	igneous rock texture: f...	1
5.1 Describe the processes of weathering and erosion.	weathering - ersoion: ...	1
8.4 - List the layers of the Earth based on composition and physical properties. Crust, pg. 233; Mantle, pg. 234; Lithosphere, pg. 234; Asthenosphere, pg. 235; Outer core, pg. 235; Inner core, pg. 235; Moho, pg. 236	No Keywords Found	1
8.4 Identify the characteristics of Earth's crust, mantle, and core. pg. 233-234 (Class lecture notes)	No Keywords Found	1
9.1 Describe the hypothesis of continental drift. pg. 248	No Keywords Found	1
9.2 Explain the theory of plate tectonics. pg. 254	No Keywords Found	1



9.2 Identify the three types of plate boundaries. - divergent boundary, p. 255; convergent boundary, p. 255; transform fault boundary, p. 255	No Keywords Found	2
9.2 - Describe lithospheric plates. Plates pg. 254	No Keywords Found	2
9.2 - Identify the three types of plate tectonics. Divergent boundary, pg. 255; Convergent boundary, pg. 255; Transform fault boundary, pg. 255	No Keywords Found	1
9.3 Describe the process of lithosphere destruction that takes place at subduction zones. Subduction zone pg. 261	No Keywords Found	1
9.3 List the evidence for seafloor spreading. pg. 259	No Keywords Found	1
9.5 Explain the theory of plate tectonics. - Convective Flow pg. 269	No Keywords Found	1
12.1 Explain how rocks allow geologist to interpret Earth's history	Sedimentary rock reco...	1
12.1 List the key principles of relative dating and describe how geologists use relative dating in their work. Relative dating, pg. 339	No Keywords Found	1
12.1 List the key principles of relative dating and describe how geologists use relative dating in their work. State the law of superposition. p. 340;	No Keywords Found	1
12.1 Recognize how uniformitarianism helps explain Earth's features. pg. 337 Uniformitarianism	No Keywords Found	1
12.3 Describe what can be learned from radioactive dating. Igneous Rock pg. 348	No Keywords Found	1
12.3 Identify some complications in dating rocks. pg. 349	No Keywords Found	1
12.3 List the key principles of relative dating and describe how geologist use relative dating in their work.	Relative dating princi...	1
12.4 Describe the different units of the geologic time scale. pg. 353	No Keywords Found	1
12.4 Describe the history of Precambrian time. Age of the Earth 4.6 billion pg. 353	No Keywords Found	1
12.4 Explain why the geologic time scale is used to show Earth's history. pg. 353 Geologic Time Scale	No Keywords Found	1
12.6 Identify the factors that determine if an organism will become a fossil	Index fossils - occur f...	1
13.1 Describe the history of Precambrian time	Precambrian - makes ...	1
13.1 Geological Time Scale	eon:era:periods:epoch...	1
Describe the theory of plate tectonics as it relates to the rock cycle	No Keywords Found	1



STATE STANDARD	# OF QUESTIONS†
6SC-P3.P02	8
6SC-P4.P01	1
6SC-P4.P02	1
6SC-P4.P03	2
6SC-P6	1
Abilities of technological design	2
Change, constancy, and measurement	2
Earth's history	2
Evidence, models, and explanation	2
Evolution and equilibrium	2
Form and function	2
GR7.S6.C1.PO.2	1
GR7.S6.C1.PO.3.c	3
GR7.S6.C2.PO.4	1
GR7.S6.C2.PO.5.a	1
GR8.S5.C1.PO.4	2
History of science	2
Properties and changes of properties in matter	2
S6 C3 PO4	1
Science and technology in society	2
Structure of the earth system	2
Systems, order, and organization	2
Transfer of energy	2
Understanding science and technology	2

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† - Some questions are correlated to more than one objective or standard.

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