

Name \_\_\_\_\_

Date \_\_\_\_\_

**What is Earth Science & People and the Environment**  
**Pages 2-6**

1) What is *Earth science* AND what are the four (4) main branches of Earth science?

*Earth science* - \_\_\_\_\_  
\_\_\_\_\_

Branches - \_\_\_\_\_

2) The study of the Earth itself is \_\_\_\_\_.

3) *Geology* is divided into two (2) categories: *physical* and *historical*. Please briefly describe AND give an example of each!

*Physical* - \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Historical* - \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4) \_\_\_\_\_ is the study of the oceans. When it is said that oceanography is "not a distinct" science, what is meant? \_\_\_\_\_

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5) What is the atmosphere AND what force holds Earth's atmosphere?

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6) \_\_\_\_\_ is the study of the atmosphere and the processes that produce weather and climate.

7) What is astronomy? \_\_\_\_\_

8) \_\_\_\_\_ refers to everything that surrounds and influences an organism (both living and non-living or biotic and abiotic).

9) When term "environmental" is applied to science, what is meant?

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10) How might the environment be influenced anthropogenically? \_\_\_\_\_

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11) Please provide an example of a *renewable* and *non-renewable* resource AND explain how each fits into its spectrum.

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12) Earth's human population as of 2009 is \_\_\_\_\_.

13) The human population of the United States is \_\_\_\_\_.

14) Although the United States represents only about 6% of Earth's population, we account for approximately \_\_\_\_\_% of the annual production of mineral and energy resources.

15) Floods, hurricanes, and volcanoes are all "natural" environmental events.

When do humans deem them as "hazards?" \_\_\_\_\_

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