Earth Science Test – Chapter 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. \_\_\_\_ first law of thermodynamics | 1. Another name for the second law of thermodynamics |
| 1. \_\_\_\_ second law of thermodynamics | 1. The principle that energy is not now being created or destroyed but is only transformed from one form to another |
| 1. \_\_\_\_ fallacy | 1. Another name for the first law of thermodynamics |
| 1. \_\_\_\_ entropy | 1. The principle that things tend toward a state of disorder |
| 1. \_\_\_\_ conservation | 1. A mistake in reasoning |

True or false: Determine whether each statement is true or false.

1. \_\_\_\_ All of the Bible-derived creation theories are based on scriptures.
2. \_\_\_\_ The principle of entropy flies in the face of evolution.
3. \_\_\_\_ After the fall and the curse, things were no longer “good” in the sight of God.
4. \_\_\_\_ God commands us to subdue the earth and have dominion over it.
5. \_\_\_\_ The flood affected the geography of the earth.

Multiple choice: Determine which choice best answers each question.

1. \_\_\_\_ Which Bible-derived theory of creation believes in six, 24-hour, consecutive, end-to-end days of creation?
   1. Literalist theory
   2. Gap theory
   3. Day-age theory
   4. Theistic evolution
2. \_\_\_\_ Which Bible-derived theory of creation believes that the days in Genesis 1 were geologic ages millions of years long?
   1. Literalist theory
   2. Gap theory
   3. Day-age theory
   4. Theistic evolution
3. \_\_\_\_ Which Bible-derived theory of creation believes in a great span of time between Genesis 1:1 and 1:2 which accounts for geologic formations and most fossils?
   1. Literalist theory
   2. Gap theory
   3. Day-age theory
   4. Theistic evolution
4. \_\_\_\_ Which Bible-derived theory of creation believes that God created matter, and then everything else evolved with or without occasional help from God?
   1. Literalist theory
   2. Gap theory
   3. Day-age theory
   4. Theistic evolution
5. \_\_\_\_ Which of the following did the flood NOT prove?
   1. Man avoids responsibility
   2. Man denies his sinfulness
   3. Man lives selfishly
   4. Man is held accountable by God
6. \_\_\_\_ Which of the five fallacies attacks the character of the opposing person?
   1. Circular reasoning
   2. Missing the point
   3. Ad hominem
   4. Hasty generalization
7. \_\_\_\_ Which of the five fallacies is usually a result of not enough information gathered?
   1. Hasty generalization
   2. Ad hominem
   3. Appeal to force
   4. Missing the point
8. \_\_\_\_ Which of the five fallacies results in ending up at a conclusion that has nothing to do with where you were hoping to end up?
   1. Hasty generalization
   2. Appeal to force
   3. Circular reasoning
   4. Missing the point

Short answer: Answer each question with complete sentences.

1. Give an example of the second law of thermodynamics.

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1. What is the only source for a description of God?

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1. Is the belief in creation of the earth by God accepted by faith or by scientific proof?

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Extra Credit:

1. What is the exact Bible reference of the verse that instructs man to subdue the earth and have dominion over the earth? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_