Science Test – Chapter 13 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Matching: Match each term with the correct definition.

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| 1. \_\_\_\_ core | 1. The portion of the earth’s interior lying between the crust and the core |
| 1. \_\_\_\_ crust | 1. Layers of sedimentary rock; they are usually horizontal but can be tilted to almost any angle by movements of the earth’s crust |
| 1. \_\_\_\_ doctrine of uniformity | 1. The innermost part of the sun where thermonuclear reactions generate energy; the central portion of the earth lying below the mantle |
| 1. \_\_\_\_ fossil graveyard | 1. The solid outer part of the earth |
| 1. \_\_\_\_ geology | 1. The giving off of particles or radiation from the nucleus of an atom |
| 1. \_\_\_\_ mantle | 1. Earthy matter suspended in or deposited by water, wind, or ice |
| 1. \_\_\_\_ radioactive | 1. The study of the earth’s structures and processes |
| 1. \_\_\_\_ sediment | 1. An assortment of fossils embedded in hardened sediment, evidently the result of a catastrophe |
| 1. \_\_\_\_ strata | 1. The idea that “the present is the key to the past” |

True or false: Determine whether each of the following statements is true or false.

1. \_\_\_\_ The earth has a mass of 6.6 sextillion tons.
2. \_\_\_\_ One property of water is that it expands when it freezes.
3. \_\_\_\_ Japan has drilled the deepest hole in the earth.
4. \_\_\_\_ The crust of the earth is the thinnest of the three layers.
5. \_\_\_\_ The second coming of the Lord rejects the doctrine of uniformity.
6. \_\_\_\_ The amount of carbon-14 in a dead object increases with time.
7. \_\_\_\_ The Geiger counter is used to measure the amount of carbon-14 in an object.

List:

1. List the three events in the Biblical framework of the earth’s history.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. List in order, from the surface to the interior, the three layers of the earth.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What to words did God use after the sixth day of creation to describe his handiwork?

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Extra credit: Which country has drilled the deepest hole in the earth?

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