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|  | Question | Answer |
| 1 | Geologic time is divided into units based upon types of \_\_C\_\_? | 1. Sedimentary rocks 2. Climate changes 3. Organisms 4. Igneous rocks |
| 2 | The longest subdivision in geologic time is a(n) \_\_\_\_? | Eon |
| 3 | A lifeform in the Precambrian Era was \_\_A\_\_? | 1. Cyanobacteria 2. Humans 3. Reptiles 4. Dinosaurs |
| 4 | Little is known about Earth’s Early History because \_\_D\_\_? | 1. Precambrian rocks have been deeply buried 2. Precambrian rocks have been changed by heat and pressure 3. Precambrian soft-bodied life-forms weren’t often preserved as fossils 4. All of the above |
| 5 | The change in environments that may have occurred early in the Phanerozoic Eon may have been caused by \_\_C\_\_. | 1. Mass extinctions 2. Evolution of dinosaurs 3. Plate tectonics 4. The beginning of the ice age |
| 6 | Humans first appeared during the \_\_\_\_\_ Era | Cenozoic |
| 7 | Where did the water in the Earth’s oceans come from? \_\_\_\_ and \_\_\_\_ | Gases released from volcanic eruptions, and icy comets |
| 8 | Major changes in the environment \_\_D\_\_ | 1. Can cause new organisms to flourish 2. Can cause many existing organisms to go extinct 3. Can result in existing organisms adapting quickly 4. All of the above |
| 9 | How would an asteroid impacting Earth effect the climate? | The dust and rocks thrown into the atmosphere rapidly cause global cooling. |
| 10 | What type of energy causes volcanism and plate tectonics? | Thermal Energy |
| 11 | Protocontinents were first formed during the \_\_\_\_ Eon | Proterozoic |
| 12 | If layers of rocks are millions of years old, then the \_\_\_\_ rocks are on top, and the \_\_\_\_ rocks are on the bottom. This is the Principle of \_\_\_\_ | Youngest, Oldest, Superposition |
| 13 | Scientists organized the geologic time scale based on \_\_\_\_ | Superposition, and fossils in the rock layers |
| 14 | During the Proterozoic Eon, the Earth’s atmosphere changed from \_\_\_% oxygen to \_\_\_\_% oxygen. This was called the \_\_\_\_ \_\_\_\_ | 3%, 20%  Oxygen Catastrophe |
| 15 | 2 supercontinents \_\_\_\_ and \_\_\_\_, had warm shallow oceans near the shores | Pangea, Rodinia |