GeoScience Videos Quiz for History of Earth

1. Which represents the longest interval of geological time?
   a) An era  b) An eon

2. During which eon did life become abundant on Earth?
   a) Archean  b) Phanerozoic  c) Proterozoic

3. How did the moon form?
   a) As a result of a massive volcanic eruption on the early Earth
   b) Due to a collision between Earth and a smaller planet-sized body
   c) It was captured by Earth’s gravity soon after the planet’s formation

4. Carbon dioxide was more abundant in Earth’s early atmosphere than it is in the air we breathe today.
   a) True  b) False

5. Which is the more primitive form of cells that became established first on Earth and when do they show up as preserved in fossils?
   a) eukaryotic; 3.5 billion years ago  c) prokaryotic; 3.5 billion years ago
   b) eukaryotic; 540 million years ago  d) prokaryotic; 540 million years ago

6. Snowball Earth conditions occurred when oxygen was still rare in Earth’s atmosphere.
   a) True  b) False

7. Which list contains the names of the three eras in order from oldest to youngest?
   a) Archean, Proterozoic, Phanerozoic
   b) Paleozoic, Mesozoic, Cenozoic
   c) Cenozoic, Mesozoic, Paleozoic
   d) Paleozoic, Cenozoic, Mesozoic

8. When did the dinosaurs become extinct?
   a) At the end of the Mesozoic era  c) At the end of the Cenozoic era
   b) At the end of the Paleozoic era  d) At the end of the Phanerozoic era