

Core Geology
Blackline Master 1A – Quiz

Circle the correct answer(s).

1. Geology's fundamental laws were formulated by
 - a. Charles Lyell
 - b. Louis Agassiz
 - c. Nicholas Steno
 - d. Stephen Jay Gould

2. In the law of super imposition, the lower layers are always younger.
 - a. True
 - b. False

3. Two of the most significant developmental time periods of humanity are called
 - a. The Bronze Age and the Iron Age
 - b. The Golden Age and the Silver Age
 - c. The Tin Age and the Copper Age
 - d. None of the above

4. The Moh Scale refers to a mineral's
 - a. Luster
 - b. Hardness
 - c. Fluorescence
 - d. Color

5. The earth's physical features were caused by
 - a. A flood
 - b. Volcanoes
 - c. Forces occurring today

6. The earth is 10 billion years old.
 - a. True
 - b. False

7. Intrusive igneous rock is formed when
 - a. Magma cools beneath the surface
 - b. Magma flows onto the Earth's surface and cools rapidly
 - c. Particulates settle at the bottom of a lake
 - d. None of the above

8. The result of the processes of mountain building was three basic types of rock.
 - a. True
 - b. False

9. The ice ages caused the extinction of the mastodons, mammoths and saber toothed tigers.
 - a. True
 - b. False

10. The first person to publish a theory of ice ages was
 - a. Niles Eldredge
 - b. Charles Lyell
 - c. Stephen Jay Gould
 - d. Louis Agassiz

11. Radioactive decay occurs randomly.
 - a. True
 - b. False

12. Radioactive decay can date the Earth.
 - a. True
 - b. False

13. Which of these of these can be dated by carbon 14?
 - a. Dinosaurs
 - b. The Shroud of Turin
 - c. The bones of Henry the Eighth
 - d. All of the above

14. The earth is a uniform ball of matter.
 - a. True
 - b. False

15. Which of these can be explained by plate tectonics?
 - a. Hurricanes
 - b. Volcanoes
 - c. Ice ages
 - d. Earthquakes

16. All continents were once joined.
 - a. True
 - b. False

17. Punctuated equilibrium is the theory of
- a. Survival of the fittest
 - b. The continuous process of one species replacing another
 - c. Ice ages
 - d. Speciation occurring suddenly, with the daughter species not necessarily replacing the mother species
18. Fossils are the ancient remains of plants and animals.
- a. True
 - b. False