

I. Identification: Write the correct term as described by its definition. (32 points)

- _____ 1. This happens when dry land becomes covered with water.
- _____ 2. This happens when there is no rain for a long time.
- _____ 3. It is all the members of one kind of organism in an ecosystem.
- _____ 4. It is all the population in an ecosystem.
- _____ 5. An organism becomes this when there are only a few living members of its kind left.
- _____ 6. These are remains of organisms that lived long ago.
- _____ 7. This is what you call an organism when there are no more of its kind alive.
- _____ 8. It is a large body of salt water.
- _____ 9. It is water that is not salty.
- _____ 10. The seven great lands of the Earth.
- _____ 11. These are land features of the Earth.
- _____ 12. It is the tallest landform.
- _____ 13. It is the low land between hills or mountains.
- _____ 14. It is a deep valley with steep sides.
- _____ 15. It is land that is wide and flat.
- _____ 16. It is water that is surrounded by land.
- _____ 17. It is a large body of moving water.

- _____ 18. It is land with steep sides and a flat top.
- _____ 19. It is land that borders the ocean.
- _____ 20. It is land surrounded by water on three sides.
- _____ 21. It is land with water all around it.
- _____ 22. It is land below the ocean.
- _____ 23. It is like a huge plateau that lies under the ocean at the edge of a continent.
- _____ 24. It is wide and flat land that stretches thousand of kilometers across the ocean.
- _____ 25. It is a canyon on the ocean floor.
- _____ 26. It is the outer most layer of the Earth.
- _____ 27. It is 2nd layer of the Earth where magma is found
- _____ 28. It is the center of the Earth which is the deepest and the hottest layer.
- _____ 29. It is the breaking down of rocks into smaller pieces.
- _____ 30. It is the movement of weathered rock.
- _____ 31. It is a mass of ice that moves slowly across the land.
- _____ 32. It is the dropping off of weathered rock.

- II. True or False: Write True if the statement is correct or write False if the statement is incorrect.

_____ 1. Natural disasters and disease can cause environments to change.

_____ 2. When environments change, living things may not be harmed, others may not move or adjust.

_____ 3. Changes to one group of living things do not affect other living things.

_____ 4. Living things can become extinct when their environment suddenly changes.

_____ 5. Fossils tell us about living things and environments of the past.

_____ 6. You can learn about extinct organisms by traveling and digging artifacts at 9 years old.

_____ 7. Earth has many land features and water features.

_____ 8. The ocean floor has features different to Earth's land features.

_____ 9. Earth is made up of three main layers—the crust, the mantle, and the core.

_____ 10. People can cause changes to land.

_____ 11. Weathering moves larger rocks into smaller rocks

_____ 12. Erosion is the movement of weathered rock from one place to another.

_____ 13. Most of the soil is made from weathered rocks.

III. Multiple Choice: Write the letter of the correct answer on the space provided before each number. (10 points)

_____ 1. All of the following may cause weathering to rocks except

- a. ice
- b. light
- c. wind
- d. plants

_____ 2. A student conducted an experiment to find out which type of soil eroded fastest. The soil types were in pans, each propped up at the same angle. She slowly poured water over each soil type. She poured until all of the soil had eroded. Then she recorded her findings in the chart below.

Soils	
Type of Soil	Time to Erode
sandy soil	20 seconds
topsoil	40 seconds
clay soil	60 seconds

Which of the following best describes her results?

- a. Clay soil eroded the fastest.
- b. Sandy soil eroded the fastest.
- c. Topsoil eroded the slowest
- d. Sandy soil eroded the slowest.

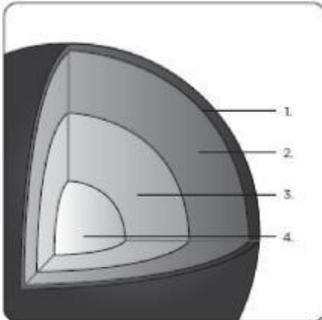
_____ 3. People can change the land in many ways. Each of the following is a way that people change the land except

- a. Cutting down trees
- b. Digging holes
- c. Draining ponds
- d. Driving cars

_____ 4. Each of the following can cause weathering except

- a. wind
- b. water
- c. Earth's core
- d. living thing

_____ 5. A student is analyzing the diagram below that shows the Earth's layers. The student must label the four layers of the diagram. Based on the drawing, how should the student label layer three?



- a. mantle
- b. inner core
- c. crust
- d. outer core

_____ 6. The rocks and sand along the side of this stream are an example of which process?



- a. deposition
- b. transport
- c. erosion
- d. weathering

_____ 7. A student completed an experiment only once. The results did not turn out as he expected. What should he do next?

- a. Do the experiment again
- b. Change his prediction to fit the results
- c. Change his results to fit the prediction
- d. Conclude it was a good experiment

_____ 8. A student is brainstorming a list of land features that can be found in the ocean. Which item on her list is incorrect.

Ocean Floor Land Features
- trench
- continental shelf
- seamount
- plateau

- a. trench
- b. continental shelf
- c. seamount
- d. plateau

_____ 9. Erosion is the movement of weathered rock. Which of the following does not cause erosion?

- a. Glaciers
- b. Gravity
- c. Wind
- d. Planting trees

_____ 10. All of the following are landforms except

- a. An island
- b. A canyon
- c. A plain
- d. A river

IV. Enumeration: Write down what is asked by each category. (15 points)

A. What are the 5 oceans of the Earth?

1. _____
2. _____
3. _____
4. _____
5. _____

B. What are the 7 continents of the Earth?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

C. Name 3 causes of weathering

1. _____
2. _____
3. _____

V. Essay: Write your answer in a paragraph form. (5 points)

Explain how people can cause weathering. You may give examples to support your explanation.
