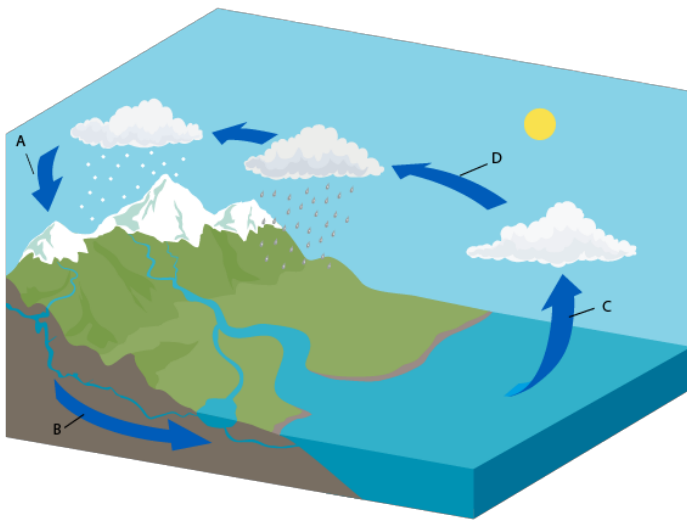


Earth Systems Quiz

ANSWER KEY

For Questions 1-4 Use the Diagram Below

The diagram below represents the water cycle.



Write the letter from the diagram that best fits each word or phrase below.

1. ___ Evaporation **C**
2. ___ Precipitation **A**
3. ___ Condensation and cloud formation **D**
4. ___ Groundwater and water collection **B**

5. The process of wearing away rocks by natural means is called
- a. erosion
 - b. weathering*
 - c. faults
 - d. earthquakes
6. The process of moving sediment by wind, moving water, or ice is
- a. erosion*
 - b. weathering
 - c. earthquakes
 - d. faults
7. Rain and snow are the two forms of
- a. water
 - b. fresh water
 - c. salt water
 - d. precipitation*
8. _____ is a process in the water cycle, where water vapor rises into the atmosphere.
- a. Precipitation*
 - b. Transpiration*
 - c. Condensation*
 - d. Evaporation*
9. A place's _____ is the patterns of weather over many years.

- a. temperature
- b. humidity
- c. heat
- d. climate*

10. When Earth is seen from outer space, it looks mainly blue. This is because most of the earth is covered with

- a. Ice
- b. Mountains
- c. Ocean*
- d. Desert

11. The _____ is a mixture of gases that surrounds the planet.

- a. troposphere
- b. lithosphere
- c. atmosphere*
- d. exosphere

12. The constant process in which water moves between Earth and its atmosphere

- a. water cycle*
- b. tornado
- c. weather
- d. watershake

13. The main ingredient in soil is

- a. bacteria
- b. weathered rock*
- c. decayed animal material
- d. decayed plant material

14. What is groundwater?

- a. moving air
- b. the build-up of water on Earth's surface
- c. huge bodies of air
- d. a form of fresh water that is found under Earth's surface*

15. What is an ocean?

- a. large body of salt water*
- b. the land along the edge of the ocean
- c. up and down movement of surface water
- d. repeated rise and fall in level of the ocean

16. Oceans cover about _____ of the Earth's surface

- a. 30%
- b. 70%*
- c. 60%
- d. 90%

17. There are several methods used to conserve soil.

- a. True*
- b. False

18. Soil is a resource that can be used up or wasted.

a. True

b. False

19. When air is moving we call it wind

a. True

b. False

20. Weather and climate are basically the same thing.

a. True

b. False