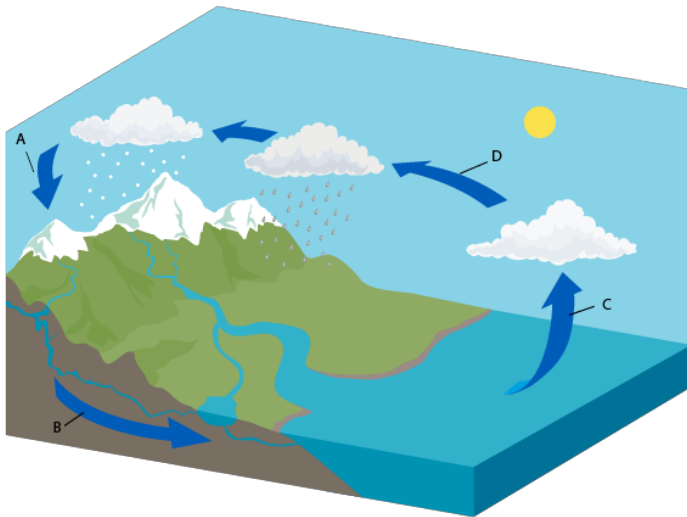


Earth Systems Quiz

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
2. ___ Precipitation
3. ___ Condensation and cloud formation
4. ___ Groundwater and water collection

5. The process of wearing away rocks by natural means is called
- erosion
 - weathering*
 - faults
 - earthquakes
6. The process of moving sediment by wind, moving water, or ice is
- erosion*
 - weathering
 - earthquakes
 - faults
7. Rain and snow are the two forms of
- water
 - fresh water
 - salt water
 - precipitation*
8. _____ is a process in the water cycle, where water vapor rises into the atmosphere.
- Precipitation*
 - Transpiration*
 - Condensation*
 - 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*