

1. Grasslands and savannas are biomes that are very valuable as areas for farming and grazing livestock. In the United States, these biomes are mostly found in the

- A. Southeast.
 - B. Midwest.
 - C. Northwest.
 - D. Southwest.
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2. Which two factors are most responsible for the difference between temperate forest biomes and taiga biomes?

- A. rainfall and prevailing winds
 - B. longitude and ocean currents
 - C. jet streams and cyclones
 - D. altitude and latitude
-

3. One of Earth's biomes receives 0 to 25 centimeters of rain per year, has a temperature range of 0° to 50° Celsius, has poor soil, and is home to lizards, scorpions, and snakes. What is the name of this biome?

- A. desert
 - B. mountain
 - C. taiga
 - D. tundra
-

4. Which biome receives between 0 and 25 centimeters of precipitation each year, has a temperature range from -27° to 5° Celsius, has frozen soil, and is home to hares, caribou, and wolves?

- A. desert
 - B. mountain
 - C. savanna
 - D. tundra
-

5. Which would be the order of climates as you move from the equator to the North Pole?

- A. tropic, temperate, arctic
 - B. temperate, arctic, tropic
 - C. arctic, tropic, temperate
 - D. tropic, arctic, temperate
-

6. Dora lives in a biome that receives a lot of rain and has many large plants reaching heights of 30 to 50 meters above ground. There are also many low-lying and medium height plants. What biome does she live in?

- A. tundra
 - B. desert
 - C. rainforest
 - D. deciduous forest
-

7.

Where would you expect to find most of the seaweeds and algae found in an ocean biome?

- A. far out at sea and near the ocean surface
 - B. close to shore and near the ocean surface
 - C. close to shore and on the seafloor
 - D. far out at sea and on the seafloor
-

8.

Of the biomes listed below, which one has the lowest average temperatures and lowest annual precipitation?

- A. taiga
 - B. desert
 - C. tundra
 - D. savanna
-

9.

Which of the following habitats probably has the greatest number of plant and animal species?

- A. the African savanna
 - B. a rainforest in Brazil
 - C. a temperate forest in China
 - D. a temperate grassland in Kansas
-

10.

Rank the biomes in the order of lowest average annual precipitation to highest average annual precipitation.

- 1: Tropical rainforest
- 2: Temperate forest
- 3: Desert
- 4: Tundra

- A. 3, 4, 2, 1
 - B. 3, 4, 1, 2
 - C. 4, 3, 1, 2
 - D. 4, 3, 2, 1
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11.

Karl describes an ecosystem that he visits frequently. The plant life in the ecosystem is mostly grass, about 3 feet tall. The grass is in a muddy area that floods each afternoon with a mix of freshwater and saltwater. There is a small river present. Karl likes to catch crabs there and often sees baby fish. What type of ecosystem is Karl describing?

- A. estuary ecosystem
 - B. shoreline ocean ecosystem
 - C. freshwater river ecosystem
 - D. coral reef ocean ecosystem
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12.

Biomes are classified by average annual temperature and precipitation. Which biome is characterized by limited available water due to extremely low temperatures, permafrost, 24 hour seasonal days and nights, as well as animals with thick fur and blubber?

- A. taiga
 - B. tundra
 - C. alpine forest
 - D. temperate forest
-

13.



The picture above shows Denali National Park in Alaska. Most of the trees are spruce and Douglas fir, which are evergreen. The winters are long and cold and the summers are short and very rainy. The soil is very rich. Moose and elk live here. This biome would be classified as the

- A. taiga.
- B. tundra.
- C. temperate forest.
- D. deciduous forest.

14. Which biome contains large populations of grazing herbivores, few species of birds, and deep, rich soil?

- A. A taiga
- B. A tundra
- C. A deciduous forest
- D. A grassland

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15. Which biome is characterized by low temperatures and low amounts of rainfall?

- A. tundra
- B. desert
- C. temperate deciduous forest
- D. tropical rain forest

16. Which biome covers most of the land mass near Earth's equator?

- A. tundra
 - B. desert
 - C. grassland
 - D. tropical forest
-

17. Which biome is found on mountains above the tree line?

- A. grassland
 - B. deciduous forest
 - C. tundra
 - D. tropical forest
-

18. Which biome, because of its climate, has the largest number of species of plants and animals?

- A. tundra
 - B. desert
 - C. rain forest
 - D. pine forest
-

19. One characteristic feature of tundra is that only the surface thaws in the summer and refreezes in the winter, leaving a layer of permanently frozen subsoil. This characteristic is known as

- A. hoarfrost.
 - B. glaciation.
 - C. permafrost.
 - D. crystallization.
-

20. Groves of trees that are 20 meters tall and have many leafy branches would be a characteristic of which region?

- A. tropical latitudes
- B. tall grass prairies
- C. alpine tundras
- D. dry shrublands

Answer Key

1. B) Midwest.
 2. D) altitude and latitude
 3. A) desert
 4. D) tundra
 5. A) tropic, temperate, arctic
 6. C) rainforest
 7. B) close to shore and near the ocean surface
 8. C) tundra
 9. B) a rainforest in Brazil
 10. A) 3, 4, 2, 1
 11. A) estuary ecosystem
 12. B) tundra
 13. A) taiga.
 14. D) A grassland
 15. A) tundra
 16. D) tropical forest
 17. C) tundra
 18. C) rain forest
 19. C) permafrost.
 20. A) tropical latitudes
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