

Biome Unit Quiz 4

S7L4e -PL-Describe the characteristics of Earth's major terrestrial biomes (tropical rainforest, savannah, temperate, desert, taiga, tundra, mountain)

1. Plants in a tropical rainforest usually have

- A) thick, fleshy stems.
- B) large broad leaves.
- C) long vertical roots.
- D) spiny or thorny skin.

2. Which organism is **NOT** likely to be found in the tundra biome?

- A) fox
- B) moss
- C) caribou
- D) palm tree

3. The desert and tundra are alike because they **both** have

- A) extreme daily temperature changes.
- B) large seasonal variation.
- C) limited available water.
- D) sandy soils.

4. What animal is **BEST** adapted to life in a savanna biome?

- A) bison
- B) caribou
- C) llama
- D) zebra



5. The biome pictured above is found in areas such as Kenya and South Africa. The land is grass-covered with very few trees and gazelles and other grazers are common here. Why does this biome have a low population of trees?

- A) Large grazing animals destroy the trees.
- B) It is a deforested rainforest with poor soil.
- C) It has high temps & low precipitation during its dry season.
- D) It has a long rainy season followed by flooding.

6. Which of these physical factors would have the **GREATEST** effect on the types of plants that could thrive in an ecosystem?

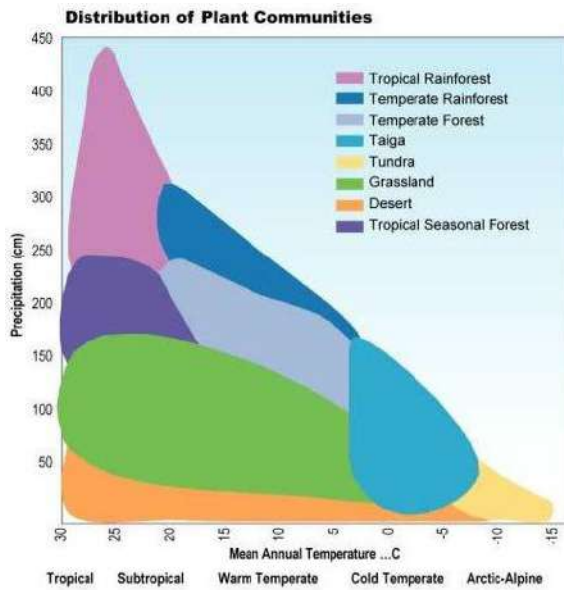
- A) air patterns
- B) animal populations
- C) soil characteristics
- D) temperature and rainfall

7. What climate is characterized by constant high temperatures at sea level with an average temperature of 18 °C or higher, and is found near the **equator**?

- A) arid
- B) polar
- C) tropical
- D) temperate

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8. Which biome would be the **MOST hostile** for animals displaced from a tropical rainforest?

- A) tundra
- B) grassland
- C) temperate forest
- D) tropical seasonal forest



Tundra



Taiga

9. A taiga biome is **DIFFERENT** from a tundra biome because it has

- A) many coniferous trees.
- B) cold winters and cool summers.
- C) located in the northern hemisphere.
- D) a layer of frozen soil called permafrost.

10) A polar bear has a thick layer of fat under its skin. Its body is covered with fur. It has adapted to a very cold climate. What would **MOST LIKELY** happen to the polar bear if the climate changes and gets warmer?

- A) The polar bear will lose all its fur.
- B) Nothing will happen to the polar bear.
- C) The polar bear will probably not survive.
- D) The polar bear will now live in warm places.