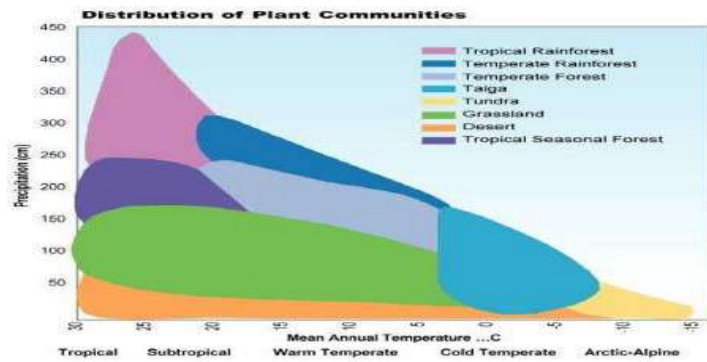


Biome Unit Quiz 3



1. (S7L4e DOK 3) Based on the amount of rainfall, which biome would be the MOST hostile for animals displaced from a desert?

- A) tundra
- B) tropical rainforest
- C) grassland
- D) temperate (deciduous) forest

Use chart to answer questions 2-4.

Adaptations

- 1) scaly, thick skin
- 2) rarely spend any time above ground
- 3) might not drink, but get water from seeds and plants
- 4) kidneys that excrete less water or none at all
- 5) large ears for heat escape
- 6) nocturnal, sleep during the day and hunt and eat at night

2. (S7L4e DOK 3) Animal adaptations are suited to the habitat in which an animal lives. Which adaptation(s) found in the chart above would BEST help an animal in an environment with a lack of water?

- A) 5
- B) 3 and 4
- C) 1 and 2
- D) 1 and 2

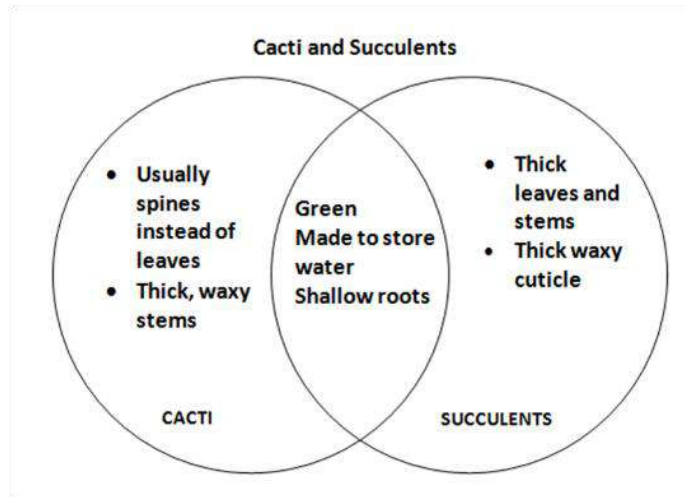
3. (S7L4e DOK 3) Animal adaptations are suited to the habitat in which an animal lives. Which adaptation(s) found in the chart above would BEST help an animal deal with extreme heat?

- A) 3
- B) 3 and 5
- C) 3 and 4
- D) 2, 5, and 6

4. (S7L4e DOK 2) The animal adaptations listed above might be describing animals that live in the

- A) desert.
- B) grasslands.
- C) rainforest.
- D) temperate deciduous forest.

Biome Unit Quiz 3



5. (S7L4e DOK 2) Using the above chart, cacti and succulents can survive in the desert MOST LIKELY because they both

- A) need direct sun.
- B) can store water.
- C) have long tap roots.
- D) have chlorophyll for photosynthesis.

6. (S7L4e DOK 2) Which trait is an adaptation that a grassland(prairie) animal might possess?

- A) gripping (prehensile) tail
- B) bright colors and large beaks
- C) large ears and ability to excrete less water
- D) gut with four stomach chambers

7. (S7L4e DOK 2) In many tropical areas, rain forests have been clear cut in an effort to grow food crops. This effort has not been successful because tropical rain forests

- A) have gravel soils that do not hold water.
- B) have sandy soils that do not hold water.
- C) have poor, thin, acidic soil with lots of run-off.
- D) have soils with a very high organic matter content.

8. (S7L4e DOK 2) In rain forests the trees high in the canopy receive a large amount of direct sunlight. Plants that grow under the canopy receive less light. Why do plants that grow on the ground in rain forests have broad leaves?

- A) The broad leaves store food.
- B) The broad leaves help them survive the cold.
- C) The broad leaves provide shelter for insects.
- D) The broad leaves provide more surface area to capture sunlight.

9 -10. **Constructed Response:** Using your Feeding Frenzy lab data, which beak was better adapted for the food source? Which beak was least adapted for the food source? Give reasons to support your answer. How could you adapt the experiment to make the straw the better adapted beak? Explain.