

Bangladesh International School, English Section Riyadh

BIOLOGY

Grade -5

CH-5 Interactions in Ecosystem

L-2- What are land biomes?

16
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Q1. Why tropical rainforests have more species than all other biomes?

Ans. Tropical rainforests are warm ecosystems. Many tropical rainforests are located near the equator. The average temperature is 26°C and the average rainfall is more than three meters per year.

Q2. Give an example of how do an organism's behavior is related to change in the deciduous forest biome?

Ans. Trees may drop their leaves to save food and water during winter. Some animals may hibernate or may change fur color to blend in with their surroundings.

Q3. Describe about grassland biomes.

Ans. Grasslands are biomes that are covered with many types of grasses and have few trees. Trees do not grow well because of small amount of rain it receives. Animals such as bison, antelope, prairie dog and wolves are found in these biomes.

Q4. What changes in a habitat could cause a population to decrease?

Ans. Habitat changes such as loss of food or water, climate or a greater number of enemies cause population to decrease.

Q5. What is carrying capacity?

Ans. Carrying capacity is the number of organisms that an area can support.

Q6. List four limiting factors of a biome.

Ans. The limiting factors are amount of food, water, space and shelter. These factors determine the number of organisms that can live in an ecosystem.

Q6. Fill in the blanks.

1. A deciduous forest may grow in cooler places.
2. Ecosystems near the equator are warm all year long .
3. Deserts are biomes that receive less than 25cm of rain each year.
4. Overcrowding results in a population grows larger than carrying capacity.
5. Every continent ha deserts.