



Quiz answers and feedback

Question 1

- Competition= two species competing for the same resources i.e., food, water, shelter
- Predation= a species preying on other species for its individual benefit.
- A similarity and difference
 - Both benefit from their food source



compare

display recognition of similarities and differences and recognise the significance of these similarities and differences

Question 2

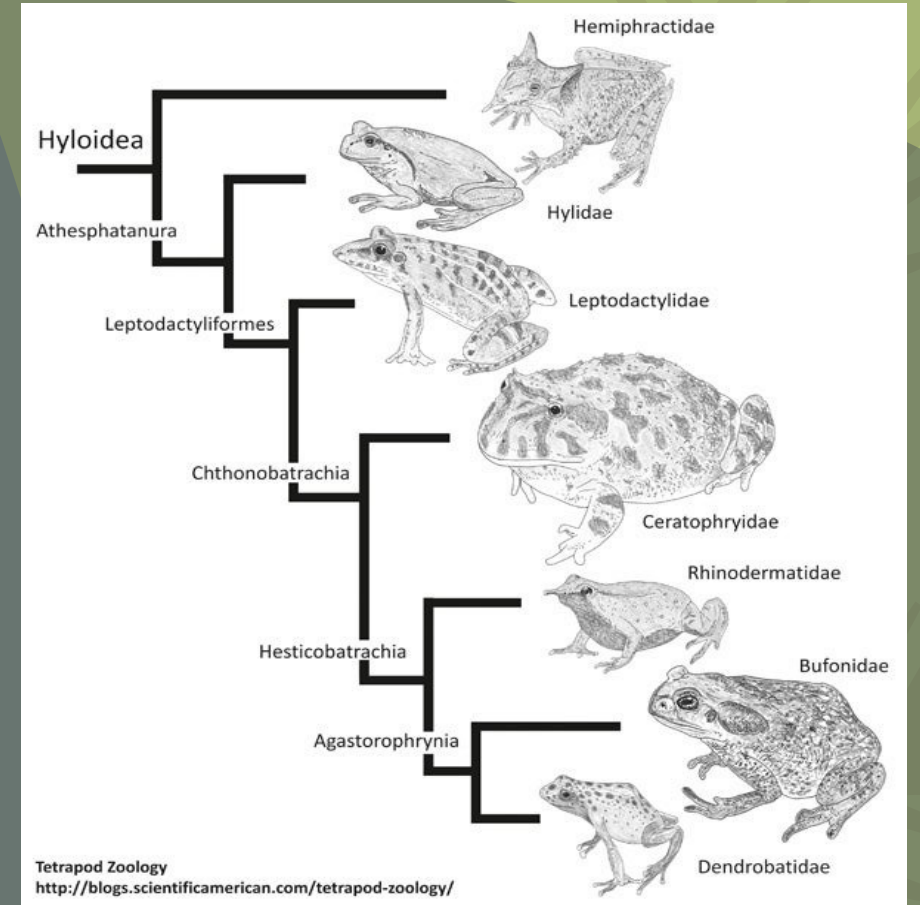
- If it is too cold or too hot, species will either die or leave.
- If the climate is too hot for penguins, they will not survive
- If the salinity levels are too low in a water source, the organisms may not survive
- State what the environmental factor is and why it will affect an organism



Question 3

DEFINITION FROM SYLLABUS

- a group of organisms that consists of a common ancestor and all its lineal descendants



Question 4

Competition

- Dolphins and Sharks
- Butterflies and Bees
- Cheetahs and lions
- Wolves and bears



vs



vs



vs



Question 5

A microhabitat is within a larger habitat. It has different characteristics compared to the surrounding environment.

Examples:



Question 6

- Diverse food sources
- more balanced ecosystems
- To ensure exchange of energy
- Important to increase adaptability of species and the environment
- If an ecosystem only has a couple of different species and one of those species are wiped out by disease, the other species is likely to die from lack of food and other resources.



Question 7&8: SDI Calculations

- Don't forget to minus 1 from your final calculation
- Make sure you're not just taking 1 away from the number of species and you're doing the sum
- The SDI for this data should be 0.71 or 71%
- Is this ecosystem diverse?