

Advanced Zoology and Ecosystems

Animals & Habitats · Answer Key · 15 Questions

1. What is the primary habitat of the Vaquita, the world's most endangered marine mammal?

- A) The Baltic Sea
- B) The Gulf of California**
- C) The South China Sea
- D) The Mediterranean Sea

2. Which species of penguin is the only one to breed during the Antarctic winter?

- A) Gentoo penguin
- B) Chinstrap penguin
- C) Emperor penguin**
- D) Adélie penguin

3. The 'Great Migration' primarily involves the movement of Wildebeest between the Serengeti and which other ecosystem?

- A) Okavango Delta
- B) Masai Mara**
- C) Kalahari Desert
- D) Ngorongoro Crater

4. Which biological order contains the highest number of described animal species?

- A) Coleoptera**
- B) Lepidoptera
- C) Hymenoptera
- D) Diptera

5. What is the specific habitat requirement for the survival of the Axolotl in the wild?

- A) High-salinity coastal lagoons
- B) Subterranean river systems
- C) High-altitude volcanic lakes**
- D) Temperate rainforest streams

6. Which ungulate species is known for being the only member of the genus Giraffa to inhabit the arid regions of Niger?

- A) Masai Giraffe
- B) Reticulated Giraffe
- C) West African Giraffe**
- D) Rothschild's Giraffe

7. In which region would you exclusively find the habitat of the Quokka?

- A) Tasmania
- B) Rottnest Island**
- C) The Kimberley
- D) Kangaroo Island

8. What unique physiological adaptation allows the Sand Cat (*Felis margarita*) to survive in extreme desert environments?

- A) Padded fur on the soles of its feet**
- B) The ability to go months without water
- C) Large ears for thermal regulation
- D) A transparent nictitating membrane

9. The fossa is the apex predator of which specific island ecosystem?

- A) Galápagos Islands
- B) Madagascar**
- C) New Guinea
- D) Sri Lanka

10. Which type of forest is categorized by high rainfall and characterized by the presence of epiphytes and lianas?

- A) Boreal forest
- B) Temperate deciduous forest
- C) Tropical rainforest**
- D) Mediterranean scrubland

11. What is the primary food source of the Leatherback sea turtle in its pelagic habitat?

- A) Seagrass
- B) Crustaceans
- C) Jellyfish**
- D) Small schooling fish

12. The narwhal (*Monodon monoceros*) is adapted to which specific marine biome?

- A) Deep-sea hydrothermal vents
- B) Arctic high-latitude waters**
- C) Temperate kelp forests
- D) Mangrove estuaries

13. Which bird species holds the record for the longest non-stop migration, traveling between the Arctic and Antarctic?

- A) Arctic Tern**
- B) Wandering Albatross
- C) Bar-tailed Godwit
- D) Sooty Shearwater

14. What term describes an animal that is restricted to a single geographic location?

- A) Migratory
- B) Endemic**
- C) Cosmopolitan
- D) Invasive

15. Which ecosystem is defined by having the highest levels of primary productivity per square meter?

- A) Open ocean
- B) Tropical coral reefs**
- C) Temperate grasslands
- D) Coniferous forests