

Nature's Athletes and Environmental Science

Sports Science · Practice Test · 15 Questions

1. Which animal holds the record for the fastest land speed, reaching up to 120 km/h?

- A) Cheetah
- B) Lion
- C) Greyhound
- D) Ostrich

2. What physical feature helps a sailfish move through the water with high speed and agility?

- A) Heavy scales
- B) Large dorsal fin
- C) Long tail
- D) Small gills

3. Which bird is known for its incredible endurance, capable of migrating thousands of miles without stopping?

- A) Arctic Tern
- B) Penguin
- C) Ostrich
- D) Peacock

4. How do penguins minimize water resistance when swimming at high speeds?

- A) They flap their wings
- B) They use their beaks
- C) They have streamlined bodies
- D) They eat rocks

5. Which body part allows a kangaroo to store and release elastic energy for efficient hopping?

- A) Tail
- B) Large hind tendons
- C) Strong ears
- D) Small arms

6. What substance do insects like dragonflies use to achieve rapid flight maneuvers?

- A) Heavy bones
- B) Lightweight exoskeleton
- C) Thick fur
- D) Liquid muscles

7. Which environmental factor primarily dictates the maximum size and strength of land-dwelling animals?

- A) Gravity
- B) Cloud cover
- C) Soil color
- D) Moon phases

8. How do polar bears maintain their body temperature while swimming in freezing arctic water?

- A) Sweating
- B) Thick layer of blubber
- C) Drinking hot water
- D) Wearing fur coats

9. Which feature allows a gecko to adhere to surfaces, aiding in their climbing speed?

- A) Sticky glue
- B) Microscopic hairs on toes
- C) Long claws
- D) Wet feet

10. What is the primary energy source that plants use to grow and maintain structural integrity?

- A) Wind
- B) Sunlight
- C) Soil minerals
- D) Moonlight

11. Which mammal is considered the fastest swimmer in the ocean?

- A) Blue whale
- B) Common dolphin
- C) Sailfish
- D) Sea turtle

12. What helps a camel conserve energy and travel long distances in hot environments?

- A) Heavy fur
- B) Wide, padded feet
- C) Large ears
- D) Long teeth

13. Which feature of a bird's skeleton makes it lightweight for flying?

- A) Solid bones
- B) Hollow, honeycombed bones
- C) Cartilage bones
- D) Lead-filled bones

14. How do trees maintain their vertical posture against gravity?

- A) Rigid cell walls made of cellulose
- B) They have muscles
- C) They use roots as legs
- D) They hold onto rocks

15. Which of these animals uses a specialized tail to help maintain balance while running at high speeds?

- A) Cheetah
- B) Elephant
- C) Giraffe
- D) Hippopotamus