

Nature's Athletes and Environmental Science

Sports Science · Answer Key · 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