# Life Science and Nature Facts

Life Science · Practice Test · 20 Questions

### 1. Which organ in a shark is primarily responsible for maintaining buoyancy?

A) The gills
B) The fatty liver
C) The swim bladder
D) The dorsal fin

### 2. What is the largest living species of lizard on Earth?

A) Green Iguana
B) Gila Monster
C) Komodo Dragon
D) Nile Monitor

### 3. Which process do plants use to convert light energy into chemical energy?

A) Respiration
B) Transpiration
C) Photosynthesis
D) Fermentation

### 4. What type of animal is a platypus?

A) Marsupial
B) Monotreme
C) Placental mammal
D) Reptile

### 5. Which gas do plants primarily absorb from the atmosphere for photosynthesis?

A) Oxygen
B) Nitrogen
C) Carbon dioxide
D) Hydrogen

### 6. How many chambers are in a typical bird's heart?

A) Two
B) Three
C) Four
D) Five

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**7. Which element is the primary component of an elephant's tusks?**

A) Keratin
B) Dentin
C) Enamel
D) Calcium carbonate

**8. What is the primary diet of a giant panda?**

A) Insects
B) Meat
C) Bamboo
D) Fruits

**9. Which marine mammal is known to have the thickest fur of any animal?**

A) Sea otter
B) Polar bear
C) Walrus
D) Dolphin

**10. What is the collective noun for a group of crows?**

A) Pack
B) Murder
C) Flock
D) School

**11. Which part of a flower develops into a fruit?**

A) Stamen
B) Petal
C) Ovary
D) Sepal

**12. What is the fastest land animal?**

A) Lion
B) Cheetah
C) Springbok
D) Greyhound

**13. Which layer of the Earth's atmosphere contains the ozone layer?**

A) Troposphere
B) Stratosphere
C) Mesosphere
D) Thermosphere

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**14. How do bees communicate the location of food sources to other bees?**

A) Chemical pheromones
B) Sound pulses
C) Waggle dance
D) Visual blinking

**15. Which bird is known to be the only one capable of flying backwards?**

A) Hummingbird
B) Swift
C) Kingfisher
D) Woodpecker

**16. Which biome is characterized by permafrost?**

A) Taiga
B) Tundra
C) Savanna
D) Chaparral

**17. What is the largest species of penguin?**

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

**18. Which structure in an insect's body allows them to breathe?**

A) Lungs
B) Tracheae
C) Gills
D) Skin

**19. What is the primary pigment responsible for the green color in plants?**

A) Carotene
B) Anthocyanin
C) Chlorophyll
D) Xanthophyll

**20. Which amphibian is known for undergoing neoteny, meaning it retains its larval gills throughout its entire adult life?**

A) Axolotl
B) Bullfrog
C) Newt
D) Toad

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