

Life Science and Nature Facts

Life Science · Answer Key · 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

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

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