

Zoology Fundamentals: Specific Facts

Zoology · Answer Key · 25 Questions

1. What is the scientific name for the common domestic cat?

- A) Canis lupus familiaris
- B) Felis catus**
- C) Panthera leo
- D) Equus caballus

2. In what year was Charles Darwin's "On the Origin of Species" published?

- A) 1839
- B) 1859**
- C) 1879
- D) 1899

3. How many chambers does a mammal's heart typically have?

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

4. What is the largest animal on Earth?

- A) African Elephant
- B) Blue Whale**
- C) Great White Shark
- D) Giant Squid

5. Which zoologist is credited with coining the term 'ecology'?

- A) Charles Darwin
- B) Gregor Mendel
- C) Ernst Haeckel**
- D) Alfred Russel Wallace

6. Approximately how many species of birds are currently recognized?

- A) 500
- B) 1,000
- C) 5,000
- D) 10,000**

7. What is the primary function of an exoskeleton in arthropods?

- A) Respiration
- B) Digestion
- C) Support and Protection**
- D) Locomotion

8. Which famous paleontologist discovered "Lucy," a famous Australopithecus afarensis fossil?

- A) Mary Leakey
- B) Richard Leakey
- C) Donald Johanson**
- D) Jane Goodall

9. How many legs does an insect typically have?

- A) Four
- B) Six**
- C) Eight
- D) Ten

10. In what year did the dodo bird go extinct?

- A) Around 1662**
- B) Around 1700
- C) Around 1850
- D) Around 1900

11. What is the scientific name for a lion?

- A) Panthera tigris
- B) Panthera pardus
- C) Panthera leo**
- D) Acinonyx jubatus

12. Which gas do animals primarily exhale during respiration?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide**
- D) Hydrogen

13. What is the average lifespan of a monarch butterfly?

- A) A few days
- B) A few weeks
- C) A few months**
- D) A few years

14. Who is renowned for her extensive studies of chimpanzees in Gombe Stream National Park?

- A) Dian Fossey
- B) Birute Galdikas
- C) Jane Goodall**
- D) Carolee Adler

15. How many horns does a rhinoceros typically have?

- A) One or two**
- B) Two or three
- C) Three or four
- D) Four or five

16. What is the primary diet of a panda?

- A) Fish
- B) Insects
- C) Bamboo**
- D) Berries

17. What is the term for an animal that eats only plants?

- A) Carnivore
- B) Omnivore
- C) Herbivore**
- D) Insectivore

18. In what century did Linnaeus publish his system of binomial nomenclature?

- A) 16th century
- B) 17th century
- C) 18th century**
- D) 19th century

19. How many species of penguins are there?

- A) Around 5
- B) Around 10
- C) Around 18**
- D) Around 25

20. What is the name of the organ used by sharks to detect electrical fields?

- A) Lateral line
- B) Ampullae of Lorenzini**
- C) Osmoreceptors
- D) Photophores

21. Which animal has the longest gestation period?

- A) Blue Whale
- B) African Elephant**
- C) Giraffe
- D) Hippopotamus

22. What is the scientific name for the common chimpanzee?

- A) Gorilla gorilla
- B) Pongo pygmaeus
- C) Pan troglodytes**
- D) Hylobates lar

23. In what year was the first successful cloning of a mammal (Dolly the sheep) reported?

- A) 1987
- B) 1990
- C) 1996**
- D) 2000

24. How many stomachs does a cow have?

- A) One
- B) Two
- C) Three
- D) Four compartments**

25. What is the largest group of animals on Earth by number of species?

- A) Mammals
- B) Birds
- C) Reptiles
- D) Insects**