High School Zoology Fundamentals

Zoology · Answer Key · 8 Questions

1. Which class of vertebrates is characterized by having hair or fur and producing milk for their young?

A) Reptilia
B) Mammalia
C) Amphibia
D) Aves

2. What is the primary gas exchanged during the process of cellular respiration in most aerobic animals?

A) Nitrogen
B) Hydrogen
C) Oxygen
D) Helium

3. Which group of animals is defined by having a backbone or spinal column?

A) Invertebrates
B) Vertebrates
C) Arthropods
D) Mollusks

4. In an ecosystem, which term describes an animal that feeds exclusively on other animals?

A) Herbivore
B) Omnivore
C) Carnivore
D) Detritivore

5. What is the largest organ system in the human body, providing a barrier against pathogens?

A) Integumentary system
B) Digestive system
C) Respiratory system
D) Endocrine system

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6. Which type of symmetry is exhibited by a jellyfish, where body parts are arranged around a central axis?

A) Bilateral symmetry
B) Asymmetry
C) Radial symmetry
D) Spherical symmetry

7. What is the term for an animal that maintains a relatively constant internal body temperature regardless of environmental conditions?

A) Ectotherm
B) Poikilotherm
C) Endotherm
D) Heterotherm

8. Which organ is primarily responsible for filtering waste products from the blood in most mammals?

A) Liver
B) Kidney
C) Spleen
D) Pancreas