

Blackline Master Quizzes for *Core Biology: Animal Sciences*
Blackline Master 1A Quiz

1. Zoology is the study of
 - a. Plants
 - b. Fungi
 - c. Animals
 - d. Zoos

2. Aristotle classified animals by
 - a. Anatomical features
 - b. Behaviors
 - c. Physiological features
 - d. All of the above

3. The cornerstones of the scientific method are detailed observations, precise description and deductive reasoning.
 - a. True
 - b. False

4. The modern classification of life was founded by
 - a. Carlos Linnaeus
 - b. Theophrastus
 - c. Aristotle
 - d. Gregor Mendel

5. Put the following modern classification of animal groupings in their correct order, from the top down:

Class, Genus, Phylum, Species, Family, Order

6. The kingdom with the greatest number of species is
 - a. Plant kingdom
 - b. Insect kingdom
 - c. Fungi Kingdom
 - d. Animal Kingdom

7. The founder of comparative anatomy was
 - a. Aristotle
 - b. Carlos Linnaeus
 - c. Baron George Cuvier
 - d. Gregor Mendel

8. The great diversity of forms, found among vertebrate animals, is based upon many body plans?
 - a. True

- b. False
9. All animal life begins
- a. With a chrysalis
 - b. In the larval stage
 - c. With an egg
 - d. None of the above
10. Cells are the building blocks of
- a. Plants
 - b. Animal tissue.
 - a. Fungi
 - d. All of the above
11. Darwin's theory of Evolution holds that all major groups of animals - arthropods, mollusks, worms, and the different vertebrates, arose separately, each from its own unique starting point.
- a. True
 - b. False
12. Darwin's concept of natural selection means
- a. An animal is shaped by an interaction with its environment overtime
 - b. Speciation happens quickly
 - c. Mass extinctions
 - d. All of the above
13. Konrad Lorenz and Nikolaas Tinbergen won the Nobel Prize for
- a. Establishing the science of animal behavior
 - b. For their theory of punctuated Equilibrium
 - c. Creating the modern classification of animals
 - d. Founding the laws of inheritance
14. Animal communication is a complex study, requiring an understanding, of mathematics, physics, chemistry, neurobiology, cognitive science, evolutionary biology and behavioral ecology.
- a. True
 - b. False