



Study of the structure of animals and plants is called:

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- A. Anatomy
- B. Physiology
- C. Botany
- D. Zoology

Show Answer...

Correct Answer: A (Anatomy)

Explanation:

The study of the structure of animals and plants is referred to as anatomy. It involves examining the physical components, organization, and relationships of different parts within an organism.

Option B, physiology, is the study of how organisms function and the processes that occur within their bodies. While related to anatomy, physiology focuses more on the functions and mechanisms rather than the structure.

Option C, botany, is the scientific study of plants, encompassing various aspects such as their classification, growth, development, and reproduction. While botany may involve the study of plant structure, it is a broader discipline that covers the entire field of plants.

Option D, zoology, is the branch of biology that deals with the scientific study of animals, including their behavior, classification, physiology, and distribution. While zoology may involve studying animal anatomy, it covers a wider range of topics related to animals.

In conclusion, the study of the structure of animals and plants is specifically referred to as anatomy. It involves examining the physical composition and arrangement of different parts within organisms to gain a better understanding of their form and organization.

Table showcasing related terms and their respective fields of study:



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Field of Study	Related Terms
Animals	Zoology, Ethology, Veterinary Science
Plants	Botany, Plant Science, Horticulture
Human Body	Anatomy, Physiology, Medicine
Earth and its Features	Geology, Geography, Earth Science
Stars and Planets	Astronomy, Astrophysics, Planetary Science
Chemicals and Reactions	Chemistry, Biochemistry, Chemical Engineering

This table provides a quick overview of different fields of study and some related terms associated with each field. It can be a useful reference for understanding the breadth and variety of scientific disciplines and their respective focuses.