

TD n°2 TCE**Text N°1**

Animal biology is the branch of science that explains the world of animals, the evolution of their forms to the present time, their habitats and food habits, and their co-existence with each other. Humans appreciate life and nature, and animals are an integral part of our natural surroundings. Thus, the preservation of the habitat of animal forms is a responsibility, and animal biology guides us in this regard. It is fascinating to study the structures of the various kinds of animals. Thanks to the facts disclosed by animal biology, human beings have knowledge about the different behavioral patterns of most animals, enabling them to manipulate these characteristics for a peaceful and complementary existence. People have been given concepts that warn them of the poison of the snake and urge them to make dogs and cats their home pets.

It studies the ideal habitats for the various animal species and the food chains that govern their eating habits, thus enabling the powerful human race to ensure the safety and continuation of these creatures. To that end, collecting information about animals is not a waste of effort but an important activity with far-reaching positive impacts on human life. Thereupon, the knowledge we gather is essential to discovering, experiencing, and enjoying the wonders of nature.

Q1) Summarize the text in a few lines. (Homework)

Q2) Give a title to the text.

Q3) Give six keywords for the text.

Q3) Find in the text the synonyms of the following words: Structures, Various, Hence, Necessary.

Q4) What should (and shouldn't) an abstract of a scientific article contain?

Q5) What is the purpose of a graphical abstract?

Q6) The introduction of a scientific article should cover:

- a- Background and Context: Provide a brief overview of the research topic,
- b- Detailed Methodological Description
- c- Research Question or Objective: Clearly state the specific research question or objective of the study.
- d- Hypothesis or Research Approach: State the hypothesis or the approach taken to answer the research question.
- e- Results and Discussion.

Q7) Explain briefly the main points that the Material and Methods section focuses on.**Q8) How can we demonstrate the results of a scientific article? Give some examples.****Q9) The discussion section of a scientific article typically contains several key elements:**

- Interpretation of Results. Provide a thorough interpretation and analysis of the study's results.
- Comparison with Previous Studies. Compare and contrast the current study's results with previous research in the field.
- Personal Opinions or Biases. The discussion should be objective and based on evidence and logical reasoning.
- New Data or Results. The discussion section should not introduce new data or results that were not previously presented in the results section.
- Explains how results contribute to the existing body of scientific knowledge.