

Democratic and Popular Republic of Algeria
 Ministry of Higher Education and Scientific Research
 University of Mentouri Brothers - Constantine 1
 Faculty of Nature Sciences and Life
 Département of Animal Biology
 Common Core 2nd Year/S3

Technical communication and expression

« TCE III »

تقنيات التواصل و التعبير

Responsible of the course: Dr. Imène HAMADOU

Targeted public: 2nd year Biology

Language: English

Application 01

The analysis of proposed scientific Texts in English.

تطبيق حول تحليل نصوص علمية مقترحة باللغة الإنجليزية

Specific Objectives

At the end of this application, the students will be able to:

في نهاية هذا التطبيق الطالب يصبح قادر على:

1. Understand and read a scientific text in English.

فهم وقراءة نص علمي باللغة الانجليزية

2. Define the structure and the types of scientific text.

تحديد هيكله ونوع النص العلمي

3. Learn the methods and steps of scientific text analysis.

تعلم منهجية ومراحل تحليل النص العلمي

4. Use the applicable rules of analyzing a scientific text.

استعمال القواعد الأساسية لتحليل نص علمي

Exercise:

The analysis of scientific texts is curcial for the career of every scientist, not only to gain information but more importantly to build a solid background in the studied field. In order to deeply dissect the content and retrieve the key points from a scientific text thereby using profisional approches to **analyze it effectively**; three main texts are proposed in the field of

nature science and life, written in **English language** to be analyzed by the students considering answering the **questions** cited bellow.

❖ **Titles of the proposed scientific texts:**

- **Scientific Text Sample 01:** Cell division (**Biological science Topic**).

الانقسام الخلوي

- **Scientific Text Sample 02:** Environmental Pollution: Health Effects and Operational Implications for Pollutants Removal (**Ecology Topic**).

تأثيرات التلوث البيئي: الآثار الصحية والاستراتيجيات المعتمدة لإزالة الملوثات

- **Scientific Text Sample 03:** Biotechnology in the Realm of History (**Biotechnology Topic**).

البيوتكنولوجيا في عالم التاريخ

❖ **Questions :**

1. Define the goal of reading and analyzing the proposed text.
2. What is the structure of the proposed text?
3. What is the type of the proposed scientific text?
4. What is the research question of this study? (Define the hypothesis).
5. What methods were used to conduct this study?
6. What are the main findings of this study?
7. What are the implications of this study for future research or practice?(perspectives)
8. What are the strengths and weaknesses of the study? (Limitations if found).

Note

The proposed scientific texts are shared on Pdf format in **the platform of the university**, and shared **on the Facebook Group** destined to the second year students in nature science and life (2^{ème} année SNV/LMD).

Links:

- <https://fac.umc.edu.dz/snv/TCetud2s32023.php>

- <https://www.facebook.com/groups/2636093246610592/?ref=share&mibextid=NSMWBT>