

Technical communication and expression

« TCE »

تقنيات التواصل و التعبير

Responsible of the course: Dr. Imène HAMADOU

Targeted public: 2nd year in Biology

Language: English

Application 01

The analysis of proposed scientific Text 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 type of a scientific text.

تحديد هيكل ونوع النص العلمي

3. Learn the method of a scientific text analysis.

تعلم منهجية تحليل النص العلمي

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

استعمال القواعد الأساسية لتحليل نص علمي

Exercise:

In order to better understand the general rules of analyzing a scientific text, three main scientific text 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 text:

- **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 (**Biotechnolgy 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?
8. What are the strengths and weaknesses of the study? (Limitations if found).

Note

The proposed scientific texts are shared in Pdf format through **the platform of the university**.

Link: <https://fac.umc.edu.dz/snv/TCetud2s32024.php>