

Scientific English 2

Exam Correction

A scientific paper in physics is written to share research and new ideas. It usually starts with an introduction that explains the topic and the goal of the study. Then, the methods used in the research are described. After that, the results are presented, often using figures or tables. The discussion part explains what the results mean. At the end, there is a conclusion that summarizes the main findings. References must be included to show where the information came from. Scientific papers are often reviewed by other scientists before they are published. This helps make sure the paper is correct and clear.

Questions:

1. Give a suitable title to the text: **Structure of a Physics Research Paper, How to Write a Scientific Paper in Physics** (1pt)
2. What are the main parts of the paper mentioned in the text?: **Introduction, methods, results, discussion, conclusion, and references** (1,5pts)
3. What is the purpose of a scientific paper in physics?: **To share research and new ideas** (1pt)
4. What is included in the discussion part?: **An explanation of what the results mean** (1,5pts)
5. Why is the paper reviewed by other scientists?: **To make sure the paper is correct and clear** (1,5pts)
6. Translate the sentence: "References must be included to show where the information came from" into Arabic and French. (4pts)
Arabic : يجب تضمين المراجع لبيان (لاظهار) مصدر المعلومات
French: Les références doivent être incluses pour montrer d'où vient l'information
7. List two ways to present results in a scientific paper. (1,5pts): **Using figures and tables.**
8. What comes after the introduction in a scientific paper? (1pt): **The methods section**
9. Rewrite this sentence in the active voice: "References must be cited properly using a recognized citation style." (2pts): **Authors must cite references properly using a recognized citation style.**
10. Choose the correct APA-style reference for a book: (1pt)
b) Kittel, C. (2004). Introduction to solid state physics. Wiley.
11. Write a reference in APA style for this article: (2pt)
Curie, M. (1903). Radioactivity and matter. Journal of Physics, 5, 100–110.
12. Is it correct to copy a sentence from a book without citing the source? **Why or why not?** (2pts): **No, it is not correct. This is plagiarism. All sources must be cited to respect intellectual property**