

**Filières: Toutes les filières de l'Ecologie+Toutes les filières de la Biologie Animale**

**Faculté des Sciences**

**Intitulé du Module : Anglais Scientifique**

**Département de Biologie**

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## **INTRODUCTION TO SCIENTIFIC PAPERS -2-**

### **1- CHARACTERISTICS OF A RESEARCH WORK**

Writing a research work is not a random task , but rather a very complex one . Thus, the researcher must be very careful when choosing the topic. The latter should fulfill certain criteria .

- ✚ Reliability : it means that whenever we conduct the same means of research ,the same steps in procedure , and the same population , we obtain the same results . These three choices have to be adopted differently by different researchers , if the results are similar , the work is reliable .
- ✚ Credibility : the truth is embodied in the references list . The researcher can never engage in a research work unless references do exist . He must , thus, consult the shelves of the university . It is preferable to have more books than article or magazines in the references list .
- ✚ Generalizability : The researcher will point out to a given population that will be considered as representatives of the whole community . This can be maintained by the common features shared by the population .
- ✚ Empirical -or real : Which means it has to be carried out in the real existing life since it requires a real experience . Reality strengthens the findings .

✚ Controlled : When the researcher specifies some key elements from the onset of his research , his work will be under control . The parameters have to be set up clearly from the beginning .

## **2- Title of a research work :**

The title of a research work is a label .Normally, it is not a sentence . The meaning and the order of words in a work are important . Titles should never contain abbreviations and jargon

## **3- How to write the Abstract :**

An abstract should be viewed as a miniature version of the work . It should provide a brief summary of the main chapters of the paper . A well-prepared abstract enables readers to identify the basic contents of the research work quickly and accurately .

## **References :**

Gastel,B & Day,R. (2016) . How to Write and Publish a Scientific paper . 8th ed