Tenth Session

Objectives
A Scientific Article Components: 1. Title 2. Abstract 3. Introduction 4. Methodology 5. Results 6. Discussion 7. Conclusion 8. References

A Scientific Article Components:
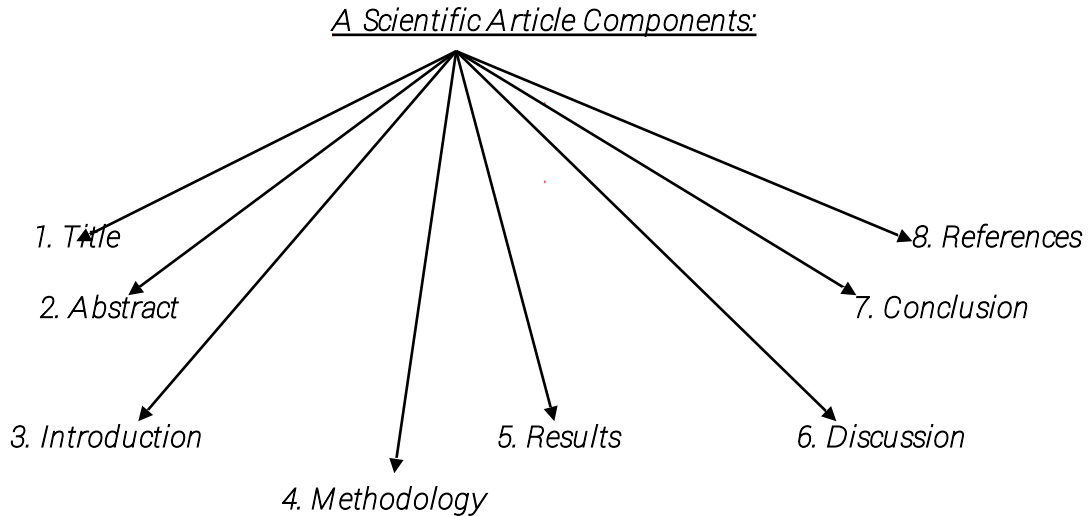
1. Title

- *It consists of 12 words in general*

- *It is attractive (eye-catching) for readers (Benea , 2015, Pillay Tahir & Newman, 2014)*

- *It is precise, concise, simple & short (Benea, 2015)*

- *It includes Keys words (important for the research): variables, population...*

- *Repetitions are avoided (Cals Jochan & Kotz, 2013 a)*

2. *Abstract*

It consists of :

- *about 250 / 350 words in general*
- *about 3 to 6 key words in general*
- *first for reading but last for writing*
- *the research question, aims and objectives of the study,*
- *an overview of the introduction, the methodology,the most significant results(findings)*
- *samples, percentages of the findings, effect, statistical values*
- *the main conclusions*
- *implications, theoretical &practical plan*
- *no details of the methods*
- *no bibliographical references or -no information about the participants (Cals Jochan &Kotz, 2013 a, Buttler, 2006, Kazdin, 2013)*

3. *Introduction*

In no more than 10 to 15% of the whole article, It consists of:

- *study area*
- *description of the problem (Benea, 2015, Buttler, 2006)*
- *explanation of the necessity & importance of your study (why is the research needed?)*
- *pertinence of the study: How pertinent is it? How beneficent is it socially and academically?*
- *presentation of weakness of current knowledge of the same topic*
- *formulation of the research problem or question, objectives, aims and hypotheses, if there are any, with possible answers to the question (Cals Jochan &Kotz, 2013 a)*

4. *Methodology*

- *Experimental/ observational/ where/ when/ steps:*
- *Participants: who are they? How many are they? Why are they selected? How are they grouped?/ criteria,population,sampling*
- *Research Method(s): quantitative, qualitative, etc.*
- *Procedures: where / when / tools, instruments*

5. *Results*

- *What were the analyses?*
- *What were the results of these analyses?*

6. *Discussion*

- *main results (findings)*
- *their interpretations*
- *comparison with the other researches*
- *limitations of your research*
- *contributions of your research to the academic knowledge (Kazdin, 2013)*

7. *Conclusion*

It includes (Forget .Dubis, 2016):

- *importance of your research*
- *questions of your research*
- *summary of the answers & their impact on different fields*

8. *References*

- *To follow the style required by the review or journal (template) such as:*
  APA or MLA, character font, etc...
- *To cite the original sources, etc...*

This was a general overview of an academic article writing according to objective & scientific criteria

N.B.:

- *You can read some joined articles & studies' PDFs that can be fruitful (You will find this lesson and the studies in Moodle, too.)*

- *You can find the articles including the 4 abstracts we had analyzed in the first face-to-face classes.*

- *This lesson is not programmed for the exam questions.*

Best of Luck ☺