

Interview Geek

An online platform to test
your interview skills

Presented by:

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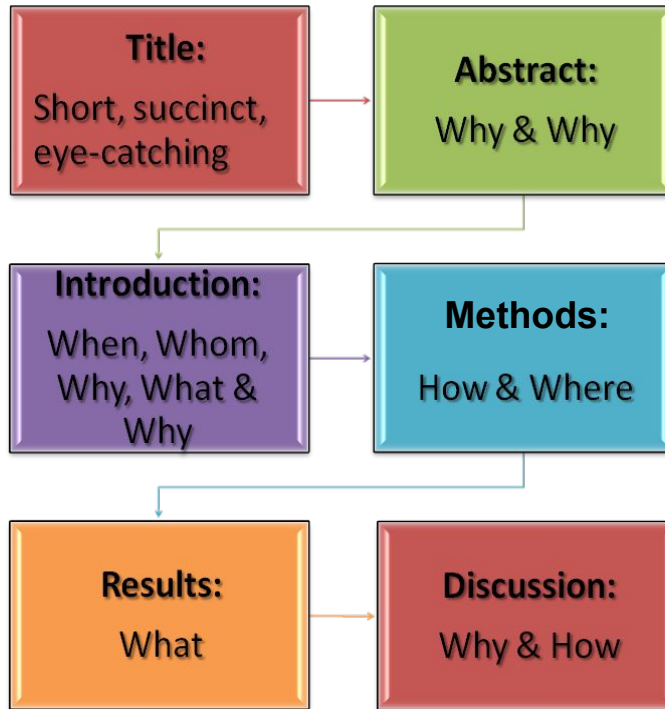
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ORGANIZATION OF A PAPER

The Standard Format



Note: Some journals will allow the Results and Discussion sections to be combined. In this case, the **What** and the **why** are presented together.





- Brief background to the topic
- Concise discussion of major findings
- Relates findings to study field



- Presents background knowledge for readers
- Accepted state of knowledge in a specialized field
- Finally focuses on a particular aspect



- Sometimes the last section
- Describes the materials used in research
- Methods carried out throughout the process
- Detailed enough for other researchers
- Refers to previous papers



- Describes the reasons for overall work
- Logic follows directly from introduction
- Sometimes presented without extensive discussion
- Gives logical basis for future works



- Limitations of interpreted data are acknowledged
- Facts separated from speculations
- Findings of other related papers
- Clarifies need for future research papers



- Contributions of other workers are recognized
- Reference list of papers
- Other works cited in text



- Figures and Tables with legends
- Details in endnotes
- Results and Discussion are combined occasionally
- Highly compressed due to limited space

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READING A PAPER

The Proper Sequence



- Organize the reading style
- First read the Abstract for major points
- Use Title and Abstract for mental reviewing



- Must ensure proper background knowledge
- Read related books and papers for background
- Refresh knowledge about the topic
- Read and integrate newer information



- Very familiar topics can be skimmed through
- Certain information can be skipped
- Skip directly to relevant sections
- Again skip to discussion for interpretation of major findings



- “(Data not shown)” for lack of experimental data
- “(Unpublished data)” for data which is not publishable
- “(Preliminary data)” for data of a single experiment

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PROBLEMS AND DIFFICULTIES



- Readers who are not familiar with the field
- Lacking background knowledge of certain topic
- Unable to appreciate the research materials



- Some scientists are poor writers
- Inefficient time and effort
- Not familiar with readers' point of view
- Cluttered with jargon



- Refers back to previous papers
- Concurrent referring turns into long chain
- Ambiguity about the exact method
- Chain ending in compressed journal



- Not being open minded to other possibilities
- Possibilities might go unmentioned
- Not distinguishing facts and speculations



- Ambition to publish in trendy journals
- Overstating the importance
- “Assertive Sentence Title” with major conclusion

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EVALUATING A PAPER

By answering few simple questions



By answering these question?

- Does the abstract intrigue the readers?
- Will it be useful to the readers?
- Are they credible and unbiased?
- What source did the researcher use?



By answering these question?

- Is it specific?
- Does it reflect the content of the article?
- Are the results accurately indicated?
- Is the nature of the research clear?



By answering these question?

- Were the purposes clear?
- Was the methodology indicated?
- Did the abstract highlight the findings?



By answering these question?

- Are the purposes clarified?
- Was the significance explained?
- Clearly written and well-organized?



By answering these question?

- Are the key points highlighted clearly?
- Does the conclusion answer the questions arose from abstract?
- Any weakness or limitation?
- Recommendations for future study?



By answering these question?

- Is logical connection between data and interpretation sound?
- Is there any other interpretation that might be consistent with this data?

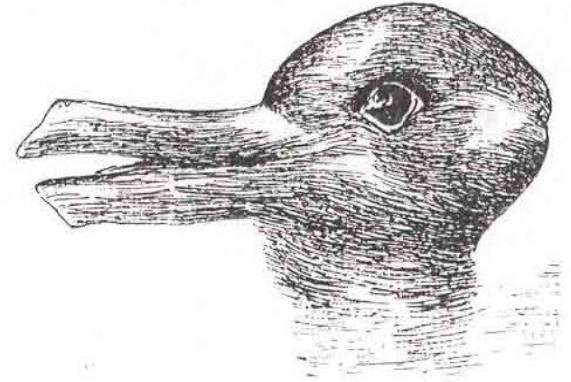


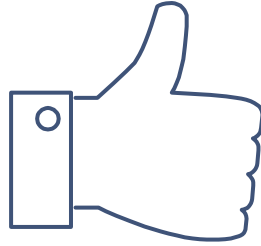
By answering these question?

- Did they perform the experiment appropriately?
- Were there enough experiments to support the major finding?
- Do you agree with the author's conclusion?
- Do you see trends or patterns in their data?



- Try to find other ways of interpretation
- Try to find different data that may not be answered by the methodology





THANKS!

Any questions?