COMPONENTS OF A SCIENTIFIC PAPER

ABSTRACT – concise summary of the research article

REVIEW OF LITERATURE – annotated bibliography (present tense)
  • Give credit
  • Gain credibility (organize ideas logically)
  • Give others’ ideas

HYPOTHESIS – assumption to be tested; provides a rationale for studying assumption.

METHODS – detailed description of the procedures used in the research (past tense)
  • Population description
  • Data collection
  • Variables (if any)
  • Statistical analysis method

RESULTS – report data using figures, charts, graphs…
Emphasize reliability of the data (present tense)

DISCUSSION/CONCLUSION – interpretation and analysis of research results. Further research needed. (present tense)

REFERENCES – alphabetical list of research materials and articles cited in report.

APPENDIXES – section of materials too lengthy to include in the body of the paper.