

Paper's title should be the fewest possible words that accurately describe the content of the paper (Center, Bold, 16pt)

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ABSTRACT (10 PT)

An abstract is often presented separate from the article, so it must be able to stand alone. A well-prepared abstract enables the reader to identify the basic content of a document quickly and accurately, to determine its relevance to their interests, and thus to decide whether to read the document in its entirety. The abstract should be informative and completely self-explanatory, provide a clear statement of the problem, the proposed approach or solution, and point out major findings and conclusions. **The Abstract should be 100 to 300 words in length.** References should be avoided, but if essential, then cite the author(s) and year(s). Standard nomenclature should be used, and non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself. No literature should be cited. The keyword list provides the opportunity to add 5 to 7 keywords, used by the indexing and abstracting services, in addition to those already present in the title (9 pt).

ABSTRAK (10 PT)

Write in Indonesian language

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1. INTRODUCTION (12 PT)

The main text format consists of a flat left-right columns on A4 paper (quarto). The margin text from the left and top are 2.5 cm, right and bottom are 2 cm. The manuscript is written in Microsoft Word, single space, Time New Roman 10 pt, and maximum 12 pages for original research article, or maximum 16 pages for review/survey paper, which can be downloaded at the website: <https://jurnal.ar-raniry.ac.id/index.php/adabiya/index>.

A title of article should be the fewest possible words that accurately describe the content of the paper. The title should be succinct and informative and no more than about 12 words in length. Do not use acronyms or abbreviations in your title and do not mention

the method you used, unless your paper reports on the development of a new method. Titles are often used in information-retrieval systems. Avoid writing long formulas with subscripts in the title. Omit all waste words such as "*A study of ...*", "*Investigations of ...*", "*Implementation of ...*", "*Observations on ...*", "*Effect of.....*", "*Analysis of ...*", "*Design of...*", etc.

A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself. Immediately after the abstract, provide a maximum of 7 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

Indexing and abstracting services depend on the accuracy of the title, extracting from it keywords useful in cross-referencing and computer searching. An improperly titled paper may never reach the audience for which it was intended, so be specific.

The Introduction section should provide: i) a clear background, ii) a clear statement of the problem, iii) the relevant literature on the subject, iv) the proposed approach or solution, and v) the new value of research which it is innovation (within 3-6 paragraphs). It should be understandable to colleagues from a broad range of scientific disciplines. Organization and citation of the bibliography are made in The format for citations in text for bibliographic references follows **APA style 7th ed.** The terms in foreign languages are written italic (*italic*). The text should be divided into sections, each with a separate heading and numbered consecutively [3]. The section or subsection headings should be typed on a separate line, e.g., 1. INTRODUCTION. A full article usually follows a standard structure: **1. Introduction, 2. The Comprehensive Theoretical Basis and/or the Proposed Method/Algorithm (optional), 3. Method, 4. Results and Discussion, and 5. Conclusion.** The structure is well-known as **IMRaD** style.

Literature review that has been done author used in the section "INTRODUCTION" to explain the difference of the manuscript with other papers, that it is innovative, it are used in the section "METHOD" to describe the step of research and used in the section "RESULTS AND DISCUSSION" to support the analysis of the results [2]. If the manuscript was written really have high originality, which proposed a new method or algorithm, the additional section after the "INTRODUCTION" section and before the "METHOD" section can be added to explain briefly the theory and/or the proposed method/algorithm [4].

2. METHOD (12 PT)

Explaining research chronological, including research design, research procedure (in the form of algorithms, Pseudocode or other), how to test and data acquisition [5]–[7]. The description of the course of research should be supported references, so the explanation can be accepted scientifically [3], [4] Figures 1-2 and Table 1 are presented

center, as shown below and cited in the manuscript [5], [8]–[13]. Figure 2(a) shown math representation ability students and Figure 2(b) reasoning ability students.

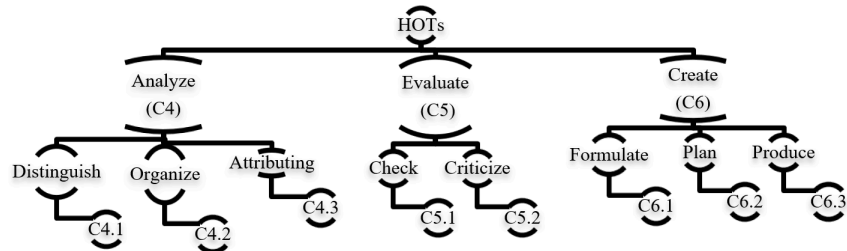


Figure 1. Cognitive process dimension

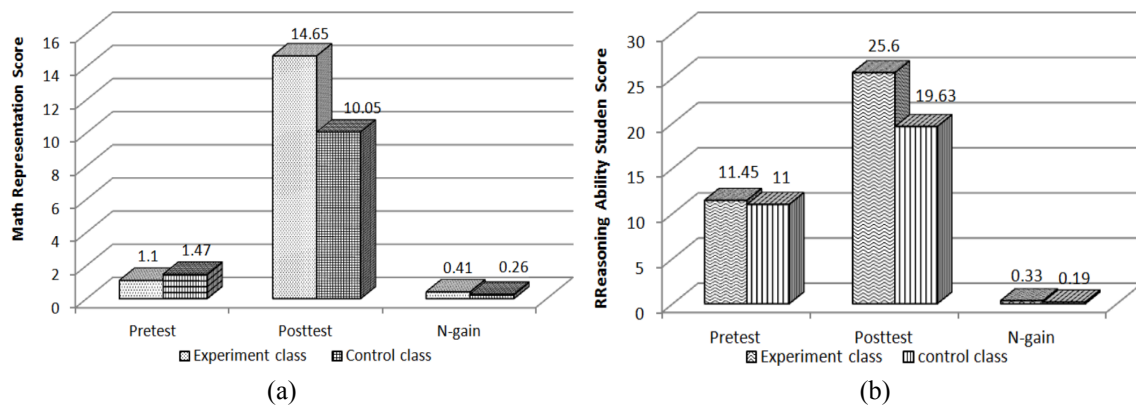


Figure 2. Pretest, posttest, and N-gain for (a) math representation ability students and (b) reasoning ability students

Table 1. Internal consistency reliability of biology test

SN	Indicator	Value
1	Number of Item	60
2	Kuder Richardson (KR-20)	0.620
3	Cronbach's Alpha Based on Standardized Items	0.617
4	Mean Item Difficulty	0.56
5	Mean Item Difficulty	0.4

3. RESULTS AND DISCUSSION (12 PT)

In this section, it is explained the results of research and at the same time is given the comprehensive discussion. In this section you may discuss every aspect of the issue one by one. It is necessary to build an argument and to provide original data discussed and compared to research and works of other scholars. The way to discuss an issue here is by combining the data and the discussion. So, it is not recommended to separate merely data description from the analysis on it.

The accuracy and completeness of the references is the responsibility of the author. References to personal letters, paper presented at meetings, and other unpublished material may be included. References in the manuscript are written in brackets. Here are the examples for one author, e.g., (Buseri, 2017), and two authors, e.g., (Badarch & Zanabar, 2017). If there are three to five authors, all authors are written in the first mention, e.g., (Casey, Kudeva, & Rausson, 2018) and the next mention is written as (Casey et al., 2018).

Reference can also be written with a name outside the brackets, e.g., Buseri (2017) in accordance with the writing style. If the statement referred to is a direct quote or a specific fact, page number/s must be included, e.g., (Badarch & Zanabar, 2017: 143) or if substances are taken from several pages, e.g., (Badarch & Zanabar, 2017: 141-156). Indirect citations are more recommended than direct ones. The format for citations in text for bibliographic references follows **APA style 7th ed.**

4. CONCLUSION (12 PT)

Provide a statement that what is expected, as stated in the "INTRODUCTION" section can ultimately result in "RESULTS AND DISCUSSION" section, so there is compatibility. Moreover, it can also be added to the prospect of the development of research results and application prospects of further studies into the next (based on result and discussion).

ACKNOWLEDGEMENTS (12 PT)

Author thanks In most cases, sponsor and financial support acknowledgments.

REFERENCES (12 PT)

The main references are international journals and proceedings. All references should be to the most pertinent, up-to-date sources **and the minimum of references are 25 entries** (for original research paper) and **50 entries** (for review/survey paper). References are written in **APA style 7th ed.** For more complete guide can be accessed at (<http://ipmuonline.com/guide/refstyle.pdf>). Use of a tool such as **EndNote**, **Mendeley**, or **Zotero** for reference management and formatting, and choose **the APA style 7th ed style**. Please use a consistent format for references-see examples:

See the examples:

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