

## Scientific Paper Assessment Rubric

SCIENTIFIC PAPER ASSESSMENT \_\_\_\_\_

CLASS/SEMESTER :

STUDENT'S NAME/GROUP :

TITLE OF THE SCIENTIFIC PAPER :

No.	Aspects	Score				Weight	Score
		1	2	3	4		
<b>A. Elements of the Paper</b>						50%	
1	Abstract						
2	Introduction						
3	Methods						
4	Analysis						
5	Conclusion						
6	Bibliography						
<b>B. Kualitas Karya Tulis</b>						50%	
1	Main Idea and Objectives						
2	Research and Data						
3	Citation						
4	Arguments						
5	Organization						
6	Language Use						

### Score Guide Description:

No.	Indicator	Score	Description
<b>Elements of the Paper</b>			
1	Abstract	4	Drafted abstract: <ul style="list-style-type: none"> <li>Clearly describes the purpose of the writing</li> <li>Provide a clear description of the research methods used.</li> <li>Provides a brief, concise and clear description of the research results</li> </ul>
		3	Drafted abstract: <ul style="list-style-type: none"> <li>Clearly describes the purpose of the writing</li> <li>Provides a vague description of the research methods used.</li> <li>Provides a brief but not concise and clear description of the research results.</li> </ul>
		2	Drafted abstract: <ul style="list-style-type: none"> <li>Lacks a clear description of the purpose of the writing</li> <li>Lacks a clear description of the research methods used.</li> <li>Provides a brief but not dense and unclear description of the research results.</li> </ul>
		1	Drafted abstract: <ul style="list-style-type: none"> <li>Does not clearly describe the purpose of the writing</li> <li>Does not provide a clear description of the research methods used.</li> <li>Does not provide a brief, concise and unclear description of the research results.</li> </ul>
2	Introduction	4	Compiled introduction: <ul style="list-style-type: none"> <li>Provides an overview of the issues raised</li> <li>Does not provide a limitation on the issues raised so that the issues raised become less specific</li> <li>Presents previous studies related to the issues raised (more than 5)</li> <li>Contains a clear formulation of the problem</li> <li>Explains the purpose of preparing scientific work</li> </ul>
		3	Compiled introduction: <ul style="list-style-type: none"> <li>Provides an overview of the issues raised</li> <li>Provide limitations on the issues raised so that the issues raised become more specific</li> </ul>

			<ul style="list-style-type: none"> <li>• Presents previous studies related to the issues raised (3 - 5)</li> <li>• Contains unclear problem formulation</li> <li>• Explains the purpose of preparing scientific work</li> </ul>
		2	<p>Compiled introduction:</p> <ul style="list-style-type: none"> <li>• Provides a general overview of the issues raised sufficiently</li> <li>• Insufficient Provides limitations on the issues raised so that the issues raised become less specific</li> <li>• Presents previous studies related to the issues raised (less than 3)</li> <li>• Contains a problem formulation that is not clear</li> <li>• Explains the purpose of preparing scientific work but is less clear</li> </ul>
		1	<p>Compiled introduction:</p> <ul style="list-style-type: none"> <li>• Provides a general overview of the issues raised sufficiently</li> <li>• Does not provide limitations on the issues raised so that the issues raised become non-specific</li> <li>• Does not present previous research related to the issue raised</li> <li>• Contains unclear problem formulation</li> <li>• Does not explain the purpose of preparing scientific work</li> </ul>
3	Methods	4	The methods used are in accordance with the objectives of scientific writing and provide a clear description of the use of methods and analytical tools to be used.
		3	The methods used are sufficiently in accordance with the objectives of scientific writing and provide a fairly clear description of the use of methods and analytical tools to be used.
		2	The methods used are less in line with the purpose of scientific writing and provide a less clear description of the use of methods and analytical tools to be used.
		1	The methods used are not in accordance with the purpose of scientific writing and provide an unclear description of the use of methods and analytical tools to be used.
4	Analysis	4	<p>Composed analysis:</p> <ul style="list-style-type: none"> <li>• Delivered with in-depth and comprehensible arguments.</li> <li>• Compared to existing theories.</li> <li>• Provides a new perspective on the issues raised</li> <li>• Provides a solution to the issue raised</li> <li>• Uses visualizations (graphs or tables)</li> </ul>
		3	<p>Composed analysis:</p> <ul style="list-style-type: none"> <li>• Delivered with in-depth arguments but fairly easy to understand.</li> <li>• Compares with pre-existing theories in a limited way.</li> <li>• Provides a relatively new view of the issue</li> <li>• Provides limited solutions to the issues raised</li> <li>• Does not use visualizations (graphs or tables)</li> </ul>
		2	<p>Composed analysis:</p> <ul style="list-style-type: none"> <li>• Delivered with sufficient depth of argument but not easily understood.</li> <li>• Compared to existing theories but limited.</li> <li>• Does not provide a new perspective on the issues raised</li> <li>• Does not provide a solution to the issue raised</li> <li>• Does not use visualizations (graphs or tables)</li> </ul>
		1	<p>Composed analysis:</p> <ul style="list-style-type: none"> <li>• Delivered with arguments that lack depth but are difficult to understand.</li> <li>• Lacks comparison with existing theories.</li> <li>• Does not provide a new perspective on the issue</li> <li>• Does not provide a solution to the issue raised</li> <li>• Does not use visualizations (graphs or tables)</li> </ul>
5	Conclusion	4	<p>Drafted conclusions:</p> <ul style="list-style-type: none"> <li>• Delivered in a short, concise and clear manner.</li> <li>• Provides answers to the formulation of the problem that was previously compiled</li> <li>• Able to answer the purpose of scientific writing</li> </ul>

		3	Drafted conclusions: <ul style="list-style-type: none"> <li>Delivered in a fairly short, concise and clear manner.</li> <li>Sufficient to provide answers to the formulation of the problem that was previously compiled</li> <li>Sufficient to answer the purpose of scientific writing</li> </ul>
		2	Drafted conclusions: <ul style="list-style-type: none"> <li>Not concise, concise and clear.</li> <li>Does not provide answers to the formulation of the problem that was previously compiled</li> <li>Less able to answer the purpose of scientific writing</li> </ul>
		1	Drafted conclusions: <ul style="list-style-type: none"> <li>Not concise, concise and clear.</li> <li>Does not provide answers to the formulation of the problem that was previously compiled</li> <li>Less able to answer the purpose of scientific writing</li> </ul>
6	Bibliography	4	Bibliography compiled: <ul style="list-style-type: none"> <li>Using the latest reference books (Last 5 Years)</li> <li>Using the latest scientific journals that are nationally or internationally accredited (Last 5 Years)</li> <li>Using the proper bibliography writing format</li> </ul>
		3	Bibliography compiled: <ul style="list-style-type: none"> <li>Using the latest reference books (Last 5 Years)</li> <li>Using the latest scientific journals but not yet accredited internationally or nationally (Last 5 Years)</li> <li>Using the proper bibliography writing format</li> </ul>
		2	Bibliography compiled: <ul style="list-style-type: none"> <li>Lack of using the latest reference books (Last 5 Years)</li> <li>Lack of using the latest scientific journals that are internationally or nationally accredited (Last 5 Years)</li> <li>Using an inappropriate bibliography writing format</li> </ul>
		1	Bibliography compiled: <ul style="list-style-type: none"> <li>Lack of using the latest reference books (Last 5 Years)</li> <li>Lack of using the latest scientific journals both accredited and unaccredited (Last 5 Years)</li> <li>Does not use the proper bibliography writing format</li> </ul>

Quality of written work			
1	Main Idea and Objectives	4	The paper has a clear main idea and purpose that is in line with the project objectives and is developed creatively in the writing.
		3	The paper has a fairly clear main idea and purpose that is reasonably consistent with the project objectives and is developed creatively in the writing.
		2	The paper has a less clear main idea and purpose that is moderately appropriate to the project's purpose and is developed less creatively in the writing.
		1	The paper has an unclear main idea and purpose but is sufficiently in line with the project purpose and is developed less creatively in writing.
2	Research and Data	4	Compiled written work: <ul style="list-style-type: none"> <li>Gives the reader an idea of the sources used</li> <li>Demonstrates the writer's analytical skills</li> <li>Gives the reader a new perspective</li> <li>Uses material that is relevant to the issue</li> </ul>
		3	Compiled written work: <ul style="list-style-type: none"> <li>Gives the reader an idea of the sources used</li> <li>Sufficiently demonstrates the writer's analytical skills</li> <li>Enough to give the reader a new perspective</li> <li>Adequately uses materials relevant to the issue</li> </ul>
		2	Compiled written work: <ul style="list-style-type: none"> <li>Does not give the reader an idea of the sources used</li> <li>Does not show the writer's analytical skills</li> <li>Lack of providing new insights to the reader</li> </ul>

			<ul style="list-style-type: none"> <li>• Lacks use of materials relevant to the issue</li> </ul>
		1	Compiled written work: <ul style="list-style-type: none"> <li>• Does not give the reader an idea of the sources used</li> <li>• Does not show the writer's analytical skills</li> <li>• Does not provide new insights to the reader</li> <li>• Lacks use of materials relevant to the issue</li> </ul>
3	Citation	4	Uses citations by using citation rules consistently.
		3	Uses quotations by using citation rules in most of the writing.
		2	Uses quotations less precisely and uses citation rules inconsistently.
		1	Uses quotations inappropriately and does not use proper citation rules.
4	Arguments	4	Presents arguments based on strong and relevant evidence and presented creatively, and logically.
		3	Presents arguments based on strong and relevant evidence but presented less creatively and logically.
		2	Poorly presents an argument that is based on strong and relevant evidence and is not presented creatively, and logically.
		1	Does not present an argument that is based on strong and relevant evidence and is not presented in a creative and logical manner.
5	Organization	4	The paper is well-written, each paragraph is well-organized and the transitions and connections between each paragraph are very good.
		3	The paper is fairly well written, each paragraph is fairly well organized and the transitions and relationships between each paragraph are fairly good.
		2	Fairly well-written, each paragraph is poorly organized and the transitions and relationships between each paragraph are fair.
		1	The paper is poorly written but each paragraph is not well organized and the transitions and relationships between each paragraph are poor.
6	Language Use	4	The language used can be understood easily and uses the right choice of words, the writer uses the right context according to the needs of the reader and there are no errors in grammar.
		3	The language used can be understood easily and uses a fairly precise choice of words, the writer uses a fairly precise context according to the needs of the reader and most of the writing has no errors in grammar.
		2	The language used is less easily understood and uses less appropriate word choices, the writer uses less appropriate context according to the needs of the reader and there are some errors in grammar.
		1	The language used is difficult to understand easily and uses less precise word choices, the writer uses less precise context according to the needs of the reader and there are many errors in grammar.

**Final Score Calculation Formula:**

$$Final\ Score = \frac{(50 \times Total\ A) + (50 \times Total\ B)}{(2 \times 6) + (2 \times 6)}$$

Example:

$$Final\ Score = \frac{50 \times (4 + 4 + 3 + 3 + 2 + 4) + 50 \times (3 + 3 + 4 + 4 + 4 + 3)}{24}$$

$$Final\ Score = \frac{2050}{24} = 85,41$$

**Score Conversion & Example:**

- 1) For example, the score obtained by Student / Group A =  $\frac{2050 \text{ (Total Score)}}{24 \text{ (Max Score)}} = 85,41$
- 2) The score of 85.41 (Scale 0 - 100) is converted into a scale of 0 - 4 using the following formula:

$$\text{Score (Scale 0 - 4)} = \frac{\text{Obtained Score (Scale 0 - 100)}}{100 \text{ (Max Score)}} \times 4$$

Thus:

$$\text{Score} = \frac{85,41 \text{ (Obtained Score)}}{100 \text{ (Max Score)}} \times 4 = 3,41$$

- 3) The number score (on a scale of 1 - 4) is then translated into a letter grade predicate in accordance with the circular of the Faculty of Language and Arts and the 2016 UNIMA Assessment Guidelines, as in the table below:

<b>Scoring Range</b>	<b>Letter Grade</b>
3,60 – 4,00	A
3,00 – 3,59	B
2,00 – 2,99	C
1,00 – 1,99	D
0 – 0,99	E

Based on the conversion results above, students in group A Predicate B with a score of 3.41.