

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### A. Conclusion

Based on the results of research and discussion that has been done can be done the conclusions obtained are as follows:

1. The developed creative thinking test instrument was evaluated for validity and reliability by experts. The instrument was deemed valid based on Cohen's kappa coefficient with a value of 0.5 (moderate) and highly reliable with a value of 0.89 (high reliability) for the topic of Optics
2. The creative thinking skills of class XI students at SMA Negeri 2 Medan can be categorized as moderate and fairly good. Although there are some students with lower levels of creative thinking, it does not imply that they lack creativity, as creativity can be fostered through other activities. The aspect of fluency exhibits the highest average proportion among the characteristics of creative thinking, while the aspect of originality shows the lowest average proportion.

#### B. Suggestion

1. It is necessary to apply various kinds of learning models that are applied to be able to improve students' creative thinking abilities.
2. To enhance students' ability to think creatively, it is recommended that teachers incorporate questions that sharpen participants' creative thinking skills into their educational approach.
3. For future researchers, it is crucial to consider the conditions available at the research site, including time, potential students, and existing problems in schools, to ensure the optimal execution of the research.