

CHAPTER V

Conclusion and Recommendation

5.1 Conclusion

The research about the effect of role play to students' concept mastery and students' creative skills in learning human circulatory system has been conducted systematically. According the result of research, those are the conclusions for this study as follow:

- 1) The implementation of role play in learning human circulatory system is effective to increasing the students' concept mastery. The results got from the average of the N-Gain that conducted in the experiment class which is 0.7 and the control class is 0.4. The result shown that the N-Gain in the experiment class is higher than the control class categorized whether it is as medium or high, the result also indicated by the mean of the experiment class is higher than control class which is $79.0 > 64.00$ respectively. The improvement of students' concept mastery supported by the acceptance of the H_1 so that the H_0 is rejected. it means that there is a significant effect of the implantation of the role play on students' concept mastery.
- 2) Students' creative skills toward the role play in learning human circulatory system is effective to increasing the creative skills and give the improvement of current aspect in creative skills dimension. The result of percentage in experiment class that implementing the role play is higher than the control class which is only the classic group discussion.

The result of the research in lined with others researches which study the same variable that found there is an effect about implementing the role play. Not only on students' concept mastery and students' creative skill, but also the role play could influence the students' enthusiasm and triggering students being more interesting (Brom et al., 2012). Obviously, students can more actively participating during the learning process compared by the experiment class and the control class activity observed during the learning process.

5.2 Recommendation

According of finding in this research that has been conducted and concluded, the researcher gives the recommendation for the next research. There are several recommendations that necessary for the next researcher, they are:

- 1) The management has to be attention in learning human circulatory system especially for the implementing of the role play activity must be firm in the order to make students finish the project optimally.
- 2) The role play can be implemented in other topic, approach and strategy for learning process that has function as the effective learning media and alternative teaching strategy to improve students' concept mastery and creative skills.
- 3) Need more meeting and session for discussion about the role play to make sure that every student active in giving ideas and share their opinion among the class activity.
- 4) Observer can be determine based on the amount of the students that needed for the research. The observer can help the researcher to make sure all of students take the role and contribute in the process of the implementation of the role play.

Analyzing the students' ability before the conduct of the research is very important to know the low and the high achievement students. It is important to make sure all students do the project collaboratively.