CHAPTER V

CONCLUSION AND RECOMMENDATIONS

A. Conclusion

Taking into account previous research findings, it can be concluded that students problem solving skills in the concept of separation method through problem based experiment are improved with the improvement of each domain described as:

1. The improvement of students’ skill in problem understanding is categorized as low with n-gain value is 0.1.
2. The improvement of students’ skills in problem solving planning domain is classified as medium with n-gain value is as much as 0.6.
3. Domain of problem solving evaluating improved in high category with value is much as 0.8.
4. The improvement of problem solving skill in domain of conducting problem solving is medium with n-gain value is as much as 0.5.

B. Recommendation

Considering that the implementation is still need to be developed in a way to find perfection, the following recommendations are suggested for further work and research:

1. The analysis of students’ attitude toward the implementation is recommended to be done. This analysis will emphasize the aspect of students’ response toward the implementation.
2. It is better to have more than one cycle of instruction during the implementation, so that the effect of improvement can be analyzed deeper. It is also advantageous to make the model of problem based experiments as habits so that the resistance of students can be eliminated.
3. It is recommended to pay attention in arranging group of students considering that most of the syntax involving group work. The appropriate group arrangements will decrease students resistance in activity involvement.

4. Considering that the test of problem solving involving the ability of students in understanding problem through passages, it is better to analyze reading literacy of students.