

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the research that have been done, can be concluded that :

1. Students achievement who is thought with experiment method using *PAS* guidance is higher than students who thought with conventional method. It is shown by the average of gain in two sample class, where experiment class got 0,67 (medium) and control class is 0,51 (medium).
2. *PAS* guidance is feasible to used in experimental chemistry especially in teaching of electrolyte and non electrolyte solution (88,89%), because the procedure is suitable with the standard competence and basic competence, and also the procedure is easy to do and the material and apparatus that is used not harm full and easy to find by the students.
3. Result testing of *PAS* guidance that had been done in Laboratory chemistry UNIMED give similar result with the theory.
4. Students who had been learnt with experiment method using *PAS* can increasing their process skill with average is 92,18%. It show that students can improve their process skill by doing experiment with *PAS*.
5. Students have good perception to the *PAS* guidance (83,31%), it s shown by their interesting when do the experiment. All of them active when do experiment and they attract to observe the result of experiment that they have been done.

5.2. Suggestion

1. For chemistry teacher, should be make innovation in teaching of chemistry, one of the ways is by apply experiment method with *PAS* guidance. Due to *PAS*, there is no reason to not do experiment. Because there are so many advantages when students do the experiment.
2. There is innovation to do experiment with *PAS* guidance for the other topic in teaching learning chemistry.