

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

1. Student achievement in experiment class is higher than control class. It can be seen from the average of post test of experiment class is 86.41 ± 6.96 while in control class is 72.95 ± 5.35 .
2. The percentage of student average gain in experiment class taught by using experimental method using *PAS* is 80 higher than control class taught by using conventional method in MAN 1 Medan where the gain is 59.
3. Experimental method using *PAS* guidance is feasible used in teaching chemistry on the colloidal system where the criteria level of feasibility of *PAS* guidance based on teacher's questionnaire is 85 where the criteria level is feasible.
4. The testing of student perception to *PAS* guidance gotten 79.32 where the criteria level is understand.
5. The student skill process in experimental class is 79 with the category enough.

5.2. Suggestion

1. Experimental method using *PAS* can be used by chemistry teacher to increase student achievement in colloidal system subject.
2. The result of this study stills a lot of lacking, so expected similar study could be done to develop. Among others by conducting similar studies on the other population or other variables.