

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions

1. Analysis of students' response result showed from fifteen items of the test, there are five highlight about students' misconception in learning acid-base misconception topic. Students' misconception which identified are students' misconception about acid-base theory, acid base indicators, acid-base strength, degree of acidity (pH, pOH), and kinds of reaction in solution.
2. The percentages of students' misconception in learning acid-base topic have percentage 5.67% until 60.69%. The average of students' misconception from senior high schools in Medan in learning acid-base topic is 29.61%.
3. The essential concept study recently also revealed to main students' difficulties in understanding the context in acid base chemistry, problem in differentiate of each concept, problems calculation with the mathematical formula, and problems with the reaction in acid base.

5.2 Suggestions

The result showed misconceptions occurred in senior high school students in chemistry subject have low understanding especially in learning acid-base topic. It is suggested that the chemistry teachers giving more attention during class activity to eliminate the students' misconception especially during teaching of fundamental concepts. There is repairing for the teaching method to get better data analysis.

It is suggested to next researcher could improve the better, to collecting the data analysis of students' misconception using another method and also investigate for another topic in learning chemistry.