CHAPTER V
CONCLUSION AND SUGESTION

Closing is the final part of this research. In this chapter described the conclusions and suggestions of research results. The descriptions are as follows.

5.1 Conclusions

The conclusions derived from the theory study are supported by the results analysis and refer to the problem formulation that has been described in the chapter before. The conclusions of this study are:

The quality of the Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 in terms of material, construction, and language aspects has a High Relevant categorical content validity. The distribution of level of cognitive domain measured in Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 that there are remember (C1) 5 (25%), about categorize understanding (C2) = 7 (35%), about categorize apply (C3) 5 (25%), about categorizing the analysis (C4) 2 (10%), about category evaluating (C5) 0 (0%) about category creating (C6) 0 (0%).

The quality of Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 from the aspect of validity that is 2 (10%) are category as very significant categories, 13 (65%) are categorized as significant, and 5 (25%) are categorized as un significant. Aspects reliability was obtained coefficient reliability of 0.79 with the reliable criteria, because the passing of reliability limits (0.70). Aspects of difficulty level on the Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 that is 1 (5%) items in very easy catagory, 4 (20%) items in easy category, 13 (65%) items in medium category, 2 (10%) items in difficult category.The aspect of distinguish power on the Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 that is 3 (15%) questions in very good categories, 13 (65%) questions in good category, 3

(15%) questions in enough categories, 1 (5%) questions in bad categories, and 0 (0%) questions in very bad categories.The aspect of distractor effectiveness on the Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 that is 13 (65%) items effective categorical and 7 (35%) items categorized as Not Effective.

Implementation of the test on Chemistry odd semester examination class XI SMA Negeri 1 Berastagi academic year 2017/2018 good, because of the preparation of teaching factors, especially material that has been mastered and taught to the maximum learners.

5.2 Suggestions

Based on research studies that have been done, the authors convey some suggestions as follows:

(1) Preparation of the problem should be through the stages of the analysis of items, in particular in terms of validity, reliability, difficulty index, distinguish power, and effectiveness of distractor, and must be accordance to the syllabi or the subchapter that has been done in each semester.

(2) Distribution of cognitive domain level should be more attention, so the problem to be tested has a proportion of good levels of thinking.

(3) For the next researcher Analysis of quantitative and qualitative items should carried out by more than one school, so that conclusions can be drawn that can represent the population in the study.