

## CHAPTER V

### CONCLUSION AND SUGGESTION

Closing is the final part of the study. In this chapter will be described the conclusions and suggestions of research results. The description is as follows.

#### 5.1. Conclusion

Conclusions are derived from the theory studies supported by the results of the analysis and refer to the problem formulation described in the previous chapter. The conclusions of this research are:

- (1) The validity of the content on the matter of odd semester exam chemistry subjects class X SMA Negeri 1 Perbaungan on the material aspects of categorizing very high, on the aspects of low categorized construction and the aspects of categorized language is very high .
- (2) The distribution of cognitive domains measured in odd semester exam questions in Chemistry class X SMA Negeri 1 Perbaungan is 20% questions in the category of remembering (C1), 45% questions in the category of understanding (C2), 10% questions applying categories (C3), and 25% questions analyzing categories (C4), nothing question evaluating category, and nothing question creating category.
- (3) The quality of odd semester exam questions in Chemistry class X SMA Negeri 1 Perbaungan from the aspect of validity is 42.5% questions categorized as a very significant matter, 12.5% questions category significant, 37.5% questions were not significant and 7.5% questions about NAN category. The reliability aspect is obtained by the reliability coefficient of 0.76 with reliable criteria, because it is more than 0.70. Aspects of difficulty index are 10% questions categorized as very easy, 5% questions in the easy category, 67.5% questions in the moderate category, and 17.5% questions in the difficult category. Differentiating aspects are 7.5% questions in very good categories, 40% questions in good category, 27.5% questions in sufficient categories, 15% questions

in bad categories and 10% questions the problem is very bad category. Distractor effectiveness aspects are 60% questions in effective categories and 40% questions are ineffective. .

- (4) The implementation of test on odd semester X Chemistry semester exams in Perbaungan 1 Public High School was good, because of the calm / conducive classrooms and regular sitting position.

## 5.2. Suggestion

Based on the research studies that have been carried out, the authors submit some suggestions as follows:

- (1) Preparation of the problem should be through the stages of the analysis item, especially in terms of aspects of validity, reliability, the level of difficulty, differentiation, and distractor effectiveness.
- (2) Distribution of cognitive domain level should be more concerned, so the problem to be tested has a proportion of good levels of thinking.
- (3) Need to socialize about the questions-making techniques, so that more teachers who master the technique of preparing a good questions.