

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the results of data analysis and statistical tests in chapter-IV, then set some conclusions as follows:

1. The learning outcomes of students who are taught by *contextual teaching and learning with multimedia* **higher** (83.52 ± 7.82) than the learning outcomes of students who are taught by learning using conventional learning models (9.83 ± 77.72). It means that CTL using multimedia is more effective than conventional method.
2. Students activity have a positive impact in students achievements. Students with higher activity have higher achievement compare with students with lower activity.
3. There is positive and significant correlation between activity on improved student learning outcomes of students taught using *contextual teaching and learning with multimedia*.
4. Cognitive competence domain that developed by this teaching model is C-2.

5.2. Suggestion

Based on the discussion and the conclusions that have been mentioned above, the authors suggest the following:

1. For teachers and prospective teachers, the implementation of *contextual teaching and learning with multimedia* can improve student learning outcomes, especially chemistry subjects.
2. Direct instruction can give some boring condition in teaching and learning activity, so its better to avoid for using this model too much.