CHAPTER V
CONCLUSIONS AND SUGGESTIONS

5.1. Conclusions

Based on the research result, data analysis, and discussion, the conclusions of this research are as followings as below:

1. Student's conceptual knowledge using cooperative learning type Group Investigation (GI) in subject Elasticity by considering achievement score test shown the Post test score with average value (X =63.70) increased from the pre-test score with average value (X =15) score of student post test were increased 42,46% from origin pre-test score. The result of average value post test X =63,70 for student conceptual knowledge taught by Group Investigation learning model still indicate to medium category.
2. Student's conceptual knowledge using conventional learning model in subject Elasticity from achievement score test shown the Post test score with average value (X =40.78) increased from the pre-test score with average value (X =14) score of students post test were increased 19,12% from origin pre-test score. The result of average value post test X =40,78 for student conceptual knowledge taught by Conventional learning model still indicate to low category.
3. Students' conceptual knowledge by using cooperative learning model type group investigation is greater than conventional learning. This result shown from the different achievement score post test in experiment class increase until 42,46 % and in control class only increase 19,12%. This increasing result shown if there were an effect of Cooperative Learning type Group investigation to increasing student's conceptual knowledge.

5.2. Suggestions

Based on the research result, data analysis, discussion, and weakness had been faced, researcher suggest these things; (1) before implementing cooperative learning model of type group investigation (GI), observe condition and quality of knowledge of student, school facilities, and time; (2) and try to use this cooperative learning model of type group investigation (GI) in learning process by team teaching, because of it is hard to control all activity of student by using this model lonely. (3) Read the suggestion from previous researcher before implement this model.