CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the results of the research and data collection, it can be concluded that:

1. Average value of the pre-test of the experiment class is 39.62 with a standard deviation of 39.62. After treatment, the average post-test value in the experiment class using the Cooperative Learning model Group Investigation type for conceptual knowledge becomes 78.37, which falls into the good category.

2. Average value of the pre-test of the control class is 37.90 with a standard deviation of 6.42. After treatment, the average post-test value in the control class using the Conventional Learning Model is 69.68, which falls into the sufficient category with a standard deviation of 6.57.

3. Student's learning outcomes in the experimental class are higher than in the control class, so it can be concluded that there is an effect of the cooperative learning model Group Investigation type for conceptual knowledge student's in topic Optic Geometry grade X SMAN 1 Perbaungan 2014-2015.
5.2 Suggestion

Based on discussion of research result and conclusion above, researcher gives suggestion to school as below:

1. To help the teacher in teaching and learning process about the type model and improve the models to use cooperative in Group Investigation to conceptual knowledge.

2. For materials input to physics teachers in selecting appropriate learning model and make discussion by cooperative during the lessons.

Based on discussion of research result and conclusion above, researcher gives suggestion to further researcher as below:

1. For further researcher who wants observe using Cooperative Learning Model Group Investigation type to conceptual knowledge, observer must make students more active in discussion process.

2. For further researcher who wants observe using Cooperative Learning Model Group Investigation type to to do more efficiently time when do discussion, so time to make the discussion can use during the discussion.

3. For further researcher who wants observe using Cooperative Learning Model Group Investigation type to conceptual knowledge to do more efficiently may using a media in learning process, so it can increased more detail and consistent to divide time to explain and give media.