

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based pm result research and data collection can be concluded that:

1. Average value of pre-test of experiment class is 39.62 with standard deviation 39.62, after given by treatment then students are given posttest, the average value of posttest in experiment class using Cooperative Learning model Group Investigation type to conceptual knowledge become 78.37 that's category good.
2. Average value pretest of control class is 37.90 with standard deviation is 6.42, after given by treatment then the students are given post test, the average value posttest in control class with Conventional Learning Model 69.68 that's category enough with standard deviation 6.57.
3. Student's learning outcomes in experimental class higher than in control class, so it can be concluded that there is effect of cooperative learning model Group Investigation type to 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.