

## **CHAPTER V**

### **CONCLUSION AND SUGGESTION**

#### **5.1. Conclusion**

The conclusion of this research are:

1. Learning achievement of students taught by PBL with individual work is higher than PBL with group work and based on t-test,  $H_0$  is rejected and  $H_a$  is received, means that there is a significant difference of learning achievement between students taught with group and individual work of Problem Based Learning on Human Excretory System in Grade XI IA SMAN 1 Matauli Academic Year 2012/2013.
2. Students activities of PBL class with individual work is higher than PBL class with group work and based on t-test,  $H_0$  is rejected and  $H_a$  is received, means that there is a significant difference of students activities between group and individual work of Problem Based Learning on Human Excretory System in Grade XI IA SMAN 1 Matauli Academic Year 2012/2013.

#### **5.2. Recommendation**

Having considered the findings of this research, the suggestions are:

1. Biology teachers can enhance the innovative learning model by using Problem Based Learning which expected to increase students' learning achievements and students' problem solving skill and better to use Problem Based Learning Model with individual work for more focus on the student's ability in solving the problem.
2. In practice, teachers also need to choose the material according to the approach that will be used in the study so that the desired learning objectives can be achieved.