

CHAPTER V CONCLUSION AND SUGGESTION

5.1 Conclusions

There are some conclusions from this research, it can be seen as follows:

1. 2nd semester students of Unimed Biology Department seem to get poor knowledge regarding biotechnology (98% less score and 2% good score)
2. 6th semester students of Unimed Biology Department seem more knowledgeable regarding biotechnology but still more than half students get less score (68% less score, 27% good score, 5% very good score)
3. There was significance difference of knowledge about biotechnology between 2nd and 6th semester students of Unimed Biology Department which can be seen according to the *t-test* ($t_{count} 6.87 > t_{table} 2,6$)
4. Students' most favorable attitudes were found toward genetically modified plants nor negatives attitude toward genetically modified in animals and humans
5. There was no significance difference of attitudes toward biotechnology between 2nd and 6th semester students of Unimed Biology Departmen which can be seen according to the *t-test* ($t_{count} 0,026 < t_{table} 1,9706$)

5.2 Suggestions

. There are some suggestions from this research, it can be seen as follows:

1. Better understanding of what biotechnology really means can be improved by re-evaluation of science curriculum and public discussions with scientists perhaps through TV or magazines
2. Science and biology teachers' preparedness for teaching biotechnology should not be neglected, but further investigation in this topic is needed
3. The public needs to be aware of genetic modified food and other, further information about attitudes toward biotechnology is needed