

CHAPTER I INTRODUCTION

1.1. Background of Problem

In learning process at school, a variety of learning materials are given to students who must be controlled in accordance with the expected goals. One of the subject matter presented at the senior high school level is Biology. Biology as part of the science is knowledge that deals with how to find out about the systematic nature. Students' difficulties in learning Biology have been studied by various researchers across the world (Cimer, 2011). Experiencing difficulties in so many topics in Biology negatively affects students' motivation and achievement. There are many reasons why students have difficulties in learning biological concepts.

For successfully of the learning process, the teacher must be able to select and use media in learning process appropriated with the subject will be learned. The ability of media can stimulate the senses of sighting, hearing and smelling. Comparison of learning Achievements of showing than hearing senses is very prominent. Approximately 90% of the learning outcomes acquired through the sense sighting, and only about 5% is obtained through the senses hearing, while another 5% to other senses (Arsyad, 2007). Some solutions that expected can solve this problem, i.e, use Camtasia Media, that the media which students can define and analyze the problem, identify and find needed information (by watch the video in there).

According to the overall information above, researcher is interested to explore the problem of learning Biology at SMA Al-Ulum. This school is experiencing low student's achievement (<KKM). The KKM is 75, and learning achievement for grade XI students in this school was still low, 62 in average score. From the observation, it may be concluded that the school tends to experience difficulties in learning Biology. The problem of teacher-centered and low students' motivation may responsible from the low student's achievement in

Biology. Researcher is also interested to use media of learning process approach in solving the problem of SMA Al-Ulum Medan in learning Biology.

In the subject of Human Reproductive System, despite our have reproductive systems, but is concretely not all of human reproductive system can we see. That can be known and seen just external. For those with the media hoped is expected to provide the experience of learning that can be store in long term memories.

1.2. Problem Identification

Based on the background above, problems identified in this thesis as follow:

1. There is a tendency that the ongoing learning activities centered on the Biology teacher (teacher-centered).
2. The learning achievement of students Al-ulum Medan is not satisfactory yet, it was shown from the students average score in 2011/2012 achieve 75, there are 10 students from 33 students that reach the value above of criteria of Minimum Completeness.
3. The student's ability to perform the scientific method or science process skills when learning Biology is lacking.
4. Students are focused on the teacher's theory without create the concept in their own mind. Students will have many concepts but are not trained to find and develop the concept.
5. The low activity of the students in the learning process during which the students were more likely to receive information from the teacher (teacher-centered).

1.3. Problem Scope

From the identification of problem, the research that have been mentioned above this study is limited to:

1. Research Object

a. Learning method

Learning method used in this research is traditional method which used camtasia for media.

b. Teaching material

Teaching material is limited only on Human Reproductive System topic.

c. Parameter

Parameter is the students learning achievement assessment and the students activity in learning process.

2. Research subject

Research subject is students Al-Ulum grade XI IA 1 academic year 2012/2013.

1.4. Research Questions

In accordance with the issues that have been stated, then the problem can be formulated:

1. Is the implementation of Media Camtasia on the topic human reproductive system can improve learning achievement?
2. Is the implementation of media camtasia on the topic human reproductive system can improve student activities?

1.5. Research Objectives

1. To determine the learning achievement of students who are taught using the media camtasia on the topic of human reproductive system for XI Grade students of SMA Al-Ulum Medan Academic Year 2012/2013.
2. To enhance the students activities through implementation media camtasia on the topic human reproductive system for XI Grade students of SMA Al-Ulum Medan Academic Year 2012/2013.

1.6. Research Significances

The significances that expected from the results of this research are:

1. For teachers, they can enhance the innovative and suitable learning method which will be used in teaching and learning process in the classroom.
2. For students, this research will give knowledge and experience about use media in learning process very important to remember the subject matter in long time memories.
3. For researcher, as an idea donation for the next researcher and it can be useful in developing science.

