

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1. Conclusions

Based on the research results obtained from data analysis, it can be concluded that:

1. Students have learning difficulties in the material of Structure and Function of Plant Tissue in terms of cognitive aspects, such as knowledge (C1), understanding (C2), application (C3), analysis (C4), evaluation (C5) and creation (C6). Level C6 is the highest category of learning difficulties while C1 level is the lowest difficulty category in grade XI IPA SMA Negeri 11 Medan Academic Year 2018/2019.
2. The most difficult indicator for the students of grade XI IPA SMA Negeri 11 Medan are indicators 2, 6 and 8. On the indicator 2 students are required to be able to distinguish the characteristics of adult tissue in plants, while on indicator 6 students explain the differences in anatomy of monocot and dicotyledonous plants . In indicator 8 students must describe the benefits of plant nursery through tissue culture.
3. Learning resources, teachers, learning activities, material characteristics and time allocation are factors that influence student learning difficulties in the material Structure and Function grade XI IPA SMA Negeri 11 Medan Academic Year 2018/2019. Learning activity factors and material characteristics are the most influential factors in this study.

5.2. Suggestion

This research is limited to a few, so it takes various suggestions such as:

1. For the school of SMA Negeri 11 Medan, in order to provide adequate facilities, especially in the Biology Laboratory to assist students in understanding the material of the Structure and Function of Plant Tissue.

2. For the Biology teachers at grade XI IPA SMA Negeri 11 Medan to use more innovative methods to teach material Structure and Function of Plant Tissue to minimize student learning difficulties.
3. For the students at grade XI IPA SMA Negeri 11 Medan to be more active in learning to study material Structure and Function of Plant Tissue and practice questions related to these materials in order to reduce learning difficulties.
4. For the next researcher, the effect of factors affecting student's learning difficulty will be more obvious when the learning activity and lesson material are observed and studied more thoroughly.