

CHAPTER V

CONCLUSIONS AND RECOMMENDATION

5.1 Conclusion

Based on the results of the research that has been carried out, it can be concluded, among others:

1. The results of the research found that student in class have 41% of misconceptions in the medium category, 32% not understanding in the low category, and 27% understanding in the low category. The misconception profile for each buffer solution sub-material is as follows: definition and properties of buffer solutions 37,6%, components of the buffer solution 42,5%, calculation of the pH value of the buffer solution 44%, and the role of buffer solutions for living things 40,6%.
2. The biggest misconception sub-material is calculation of the pH value of the buffer solution 44%. In the middle misconception sub-material is the components of the buffer solution 42,5% and the role of buffer solutions for living things 40,6%. The smallest misconception sub-material is definition and properties of buffer solutions 37,6%.

5.2 Recommendation

Based on the research results that have been obtained, researcher recommendation among other things:

1. It is necessary to carry out similar research on materials using another methods to identify misconceptions that occur among students.
2. Teachers should be more sensitive to misconceptions that occur in their students and try to change teaching methods such as adding learning media so that learning is effective and using learning models that are appropriate to the material being taught.
3. For further research, it is hoped that you will be able to analyze and apply teaching methods that are suitable for use by teachers to minimize misconceptions experienced by students.