

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions

Based on the results of the research and discussion that has been described, the conclusions of the research conducted are as follows:

- 1) The development of e-worksheet based on a scientific approach to improve students' critical thinking skills on the material of digestive system is declared feasible for use in the learning process based on the assessment of expert lecturers, namely the results of material expert assessment with a very feasible category with a percentage of 95.3%, the results of learning expert assessment are very feasible with a percentage of 97.7%, and the results of design expert assessment are very feasible with a percentage of 97%.
- 2) The development of e-worksheet based on a scientific approach is declared effective to improve students' critical thinking skills on the material of the digestive system based on the results of pretest and posttest scores on each critical thinking indicator has increased, based on N-gain analysis by obtaining an average value of 0.71 with a high category, and based on the distribution of cognitive domains used has increased.

5.2 Suggestions

Based on the results of the research conducted, several things are suggested, including:

- 1) For future researchers, it can be continued by examining other skills needed in the 21st century, namely communication, collaboration, and creativity.
- 2) This research can be continued with other educational materials, or can be continued by conducting trials on a larger scale with more subjects and in more schools with optimal product application, so as to obtain higher quality product results and have a broad effect on improving learning outcomes and students' critical thinking skills.