

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Based on the result and data analysis, there are several conclusions that can be drawn from this research regarding students' critical thinking skill and environmental awareness after learning environmental pollution using SAMR model through Instagram. The conclusions are as follows.

- 1) The average overall critical thinking score of the students after learning environmental pollution using SAMR model through Instagram is 2.9 which is categorized as "satisfactory". In the sample of this research, there were 8 students whose critical thinking skills are categorized as "exemplary", 59 students in the "satisfactory" category, and 9 students in the "below satisfactory" category. As for each critical thinking element, the concepts element has the average score of 4, which can be concluded that it is in the "exemplary" category. The elements of purpose, problem or issue, point of view, information, assumptions, and interpretations have the average score of 3.2, 3, 2.6, 2.9, 2.5, and 2.6 respectively which means the average scores of those elements are in the "satisfactory" category. While the only element being in "below satisfactory" category is the implication element with an average score of 2.1.
- 2) There are 5 factors of environmental awareness included in this research; personal responsibility, interest in attitude, awareness in daily life, judgment of others, and environmental information. The most prominent results showed that 91% students strongly disagree that they do not care about environmental issues and 96% students strongly agree that environmental issues are important problems to be solved.

- 3) Students's satisfaction with the learning activity using Instagram was interpreted from the overall rating score given by the students. The overall rating score is 4199 with the percentage of the rating score is 77%. Therefore, the students are very satisfied with the learning activity using Instagram.

5.2 Implication

Based on the result, the implication of this research using SAMR model to integrate Instagram as the most popular social media with science learning activity.

5.3 Recommendation

There are several aspects that should be improved from this research. The followings are recommendations for other researchers who are interested in SAMR model and the use of social media as a learning tool to be applied in future research.

- 1) In applying the redefinition level of SAMR model, the task should be explained to the students more thoroughly so they can make their own implications from it.
- 2) As the students already care about environmental issues, further research can elaborate more on the factors that affect environmental awareness.
- 3) Besides using it for teaching and learning environmental pollution topic, Instagram as a learning tool can be used for other topics in science.
- 4) For further research, more Instagram features should be explored to enhance the teaching-learning activity for teachers and students.