

CHAPTER V

CONCLUSION AND RECOMMENDATION

This chapter presents the conclusions of the research and recommendation to other parties of people. The conclusions discuss about the summary of two objectives of this research. They were about the present and appropriateness of Technology-Based Standardized High Order Thinking Skills (HOTS) Assessments for ninth graders of SMP Negeri 1 Sedayu. Added to this, the suggestions are addressed to students, English teacher, principal, and other researcher.

5.1 Conclusion

The essential role of HOTS questions to prepare learners' competence in facing 21st century challenge, increase loving and caring sense to regional advancement, improve the students' learning motivation, and upgrade the quality of assessment. Therefore, it is very crucial for policy makers and educators to habituate learners with HOTS in teaching and learning and assessment. Besides, the limited number of computer and teacher's less ability in designing CBT also influenced the number of CBT simulation in the school which were not very optimal. Concerning to the problem, the aim of the present study was to design the appropriate technology-based media to assess the ninth graders' high order thinking skills, preparing them in facing their next level of schooling which requires them to have higher critical thinking ability, and serve the demand of digital natives' era. The HOTS Quiz design was stated as applicable and acceptable as very appropriate by 1) the material and language testing expert with the average 84% achievement; 2) the IT experts with the average 87,5%. Moreover, the result of the first and second implementation showed an improvement, where the students' average score in first implementation was 65, 7 while the second implementation reached 79, 4. Thus, it can be concluded that the designed HOTS Quiz was appropriate for the research participants. Then, HOTS

Quiz was integrated in compact disk (CD), so it could be used for learning at school or at home.

5.2 Recommendation

Recommendation would be given to the people who had relation, the same background knowledge, and the same field related teaching. The research and designed of HOTS Quiz for the ninth graders would give benefits to people, such as for the ninth graders, English teacher, next relevant researchers, and language testing designers.

5.2.1 For the Ninth Graders of Junior High School

The ninth graders could use the HOTS Quiz as the simulation of national exam, whether in school or in their own house. The simple way to operate this quiz may help the students in using the product easily. Moreover, it can also be accessed using phone, not only using computer or laptop.

5.2.2 For English Teacher of Ninth Graders

The English teacher of ninth graders might use the HOTS Quiz for evaluating the next ninth graders since the questions were taken from the previous national examinations. Thus, it will still appropriate to be implemented for the next ninth graders. However, the technical problem like the electricity problem might still happen in the research setting as what the researcher experienced. It can be solved by anticipating the electricity problem by using utilizing any tools to manage the electricity power or using phone as the testing media.

5.2.3 For the Next Relevant Researchers

This HOTS Quiz might be useful for the next researcher who had the same research and background. This product would be used as the references.

5.2.4 For Language Testing Designer

This HOTS Quiz might be beneficial for language testing designer. Especially in redesigning the paper based into computer based test.