

BAB V

CONCLUSION AND SUGGEST

5.1. Conclusion

Based on the results of research and discussion, it can be concluded as follows:

1. The results of this research we know that the simulation-assisted Problem Based Learning model has an effect on Higher Order Thinking Skills, it proven after using Problem Based Learning model increases with average Pre-Test score 21,48 becomes 73,28 in Post-Test score.
2. The result of this research we know that Higher Order Thinking Skills of students when using conventional models are still relatively low, it proven from Pre-Test score of 21.88 and a Post-Test score of 56.16.
3. The average student achievement of 10 HOTS questions using Problem Based Learning model is 73%. Critical skills 76%, creative skills 67% and problem solving is 76%.The average student achievement of 10 HOTS questions using Conventional learning is 56%.Critical skills is 51%, creative skills is 56% and problem solving skills is 59%.

5.2. Suggestion

Based on the conclusions that have been presented, in accordance with the results of the study obtained, the researchers provide advice:

1. Researcher who plan to use the PBL model, prepare more authentic problems and use variance of learning media so students get interesting and related to learning materials.
2. Before simulating, students are given a video to conduct experiments outside of lesson hours Before simulating, students are given a video to conduct experiments outside of lesson time.
3. Wisers to waste time in learning.