

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1. Conclusion

Based on the research result in the discussion obtained the conclusion as below:

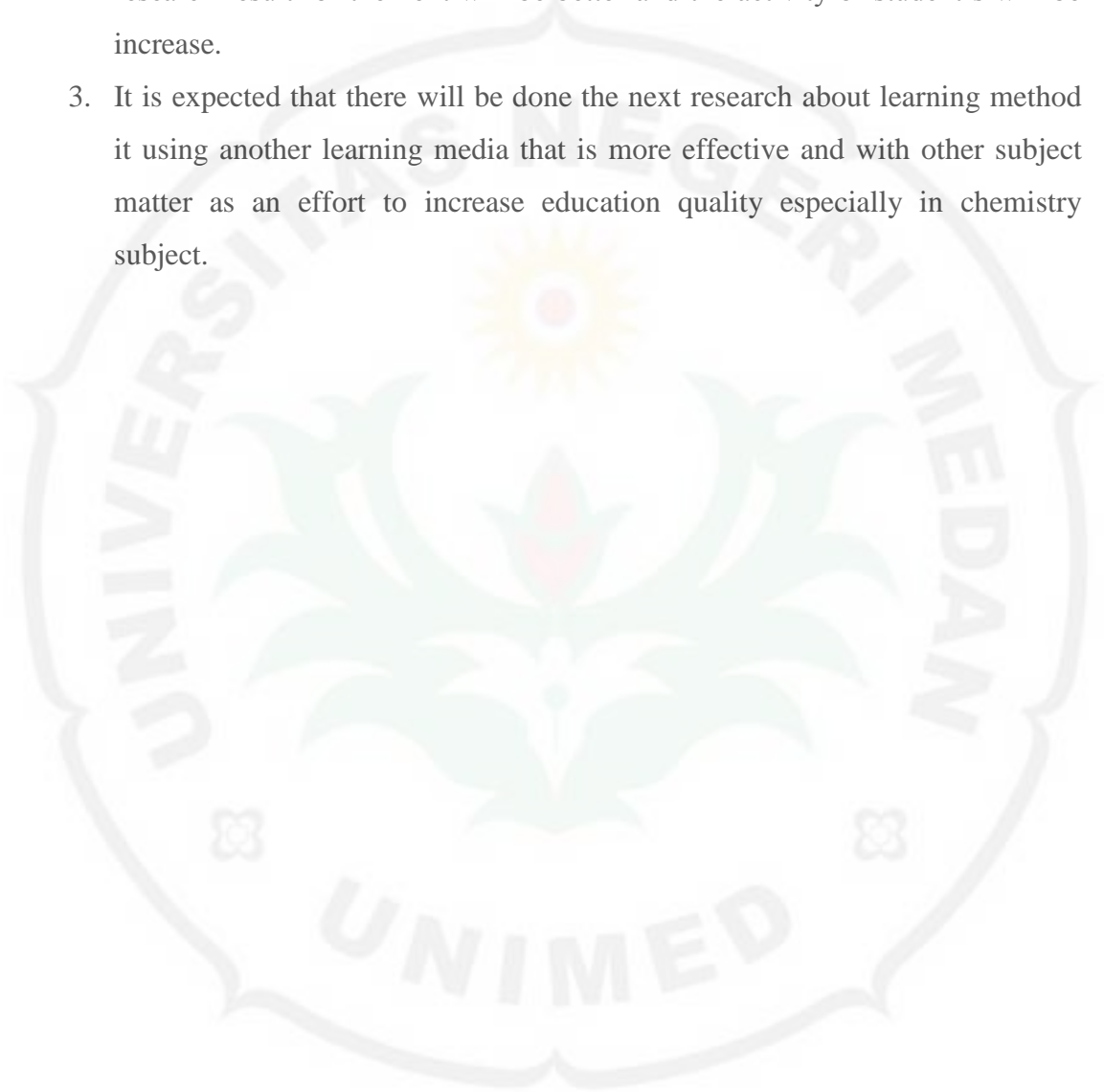
1. Student's achievement that taught with contextual teaching learning (CTL) approach laboratory experiment is higher than conventional method on topic of salt hydrolysis. The statement support the data research result of hypothesis test is  $t_{\text{count}} = 1,939$  and  $t_{\text{table}} = 1,667$ , then  $t_{\text{count}} > t_{\text{table}}$  ( $1,939 > 1,667$ ). The calculation result shows that  $H_a$  is received and  $H_o$  is rejected. The average normalized gain for experiment class is  $0,825 \pm 0,101$  (high category) and control class is  $0,603 \pm 0,122$  (medium category).
2. The cognitive aspect of the student's achievement that taught with contextual teaching learning (CTL) approach laboratory experiment on topic of salt hydrolysis is C1, C2, C3, and C4. The statement support the data research result average of normalized gain from the level of cognitive aspect C1 is 0,71 (high category), C2 is 0,82 (high category), C3 is 0,90 (high category), and C4 is 0,79 (high category). Based on the research results can be concluded cognitive aspect C3 (application) is higher than cognitive aspect C1, C2, and C4.

#### 5.2. Suggestion

From the result obtained from this study, some suggestion had to be raised in order to the learning process on chemistry is effective in increasing of student's achievement, they are:

1. It is suggested to chemistry teacher to use contextual teaching learning approach experiment laboratory model is order to increase student's achievement and student's activity on teaching salt hydrolysis, so that chemistry be a fun lesson.

2. It is suggested to other researcher in order to notice the relevant topic so that research result for the next will be better and the activity of student's will be increase.
3. It is expected that there will be done the next research about learning method it using another learning media that is more effective and with other subject matter as an effort to increase education quality especially in chemistry subject.



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