## **ABSTRACT**

Laili Saffaanatul Fithriyah (D71213106), 2017, Effectiveness Implementation of Learning Model *Questioning Type Open Ended Problems* in Improving Students' Critical Thinking Ability in Subjects Fiqh in Mts NU Sidoarjo, Thesis, Islamic Education. Faculty of MT. Islamic State University (UIN) Sunan Ampel Surabaya. Supervisor: Dr. Amir H. Maliki Abitolkha, M. Ag and Al-Qudus NES, Lc. MH.I

## Keywords: Learning Model *Questioning Type Open Ended Problems* and Students' Critical Thinking Ability

This research aims to know the effectiveness implementation of the learning model *questioning type of open ended problems* to improve students' critical thinking on the subjects Fiqh at Islamic Junior High School NU Sidoarjo with some formulation of the problems, which are (1) How is the implementation of learning model *questioning type of open ended problems* on the subjects of Fiqh at Islamic Junior High School NU Sidoarjo?, (2) How is the comparison the students' critical thinking ability when the learning model of *questioning type open-ended problems* is applied and before the implementation of learning model *questioning type open-ended problems*?, (3) How is the effectiveness implementation of learning model *questioning type open-ended problems* in improving the students' critical thinking ability on the subjects of Fiqh in Islamic Junior High School NU Sidoarjo?.

This research is an experimental research by using a quantitative approach in which the data collection process used test method, questionnaire, and documentation. The design was used in this research is *one-group pretest-posttest design*. Then the data were analyzed by using statistical formula percentage, frequency distribution, and analysis of two-sample t-test paired using *SPSS for Windows*.

The results showed that the application of learning models questioning type open ended problems effective in improving critical thinking skills. This has been evidenced by increasing in the average score of students' critical thinking ability in the first conditions 61.0500 and thereafter being applied in the learning by using model *questioning type open ended problems* the students' score of critical thinking ability achieve 76.8167, it means that they have increased 15.7667. The hypothesis test in this research uses t-test analysis of two samples in pairs. Based on calculation t with a significance level of 5% with (dk) = 60-1 = 59 will be obtained  $t_{count}$  of 8693 whereas the prices of  $t_{table}$  with significance level of 5% with (dk) = 60-1 = 59 will be obtained  $t_{table}$  2000. Price of  $t_{count}$  is heavier than  $t_{table}$  (8693 > 2000) so that H0 is rejected and Ha is accepted, it can be concluded

that the implementation of the learning model *questioning type open ended problems* is effective in improving students' critical thinking ability.

