

## **ABSTRACT**

*Ismi Hadianti. 2022. Effectiveness of Ethno-Edugames Application as a Tool for Evaluation of Mastery of Material Concepts in Reproductive Systems. Advisor one; Dr. Iwan Setia Kurniawan, S.Pd, M.Pd. and two advisors Dr. H. Riandi M.Si.*

*"Application of Ethno-Edugames as an Evaluation Tool for Mastery of Reproductive System Material Concepts," according to the title of this research. Researchers found problems related to rote-based student learning, resulting in low ability to understand concepts; Therefore, a special method is needed that can inspire students' hearts to learn to master the concept. The concept is instilled by using appropriate learning models to help teaching and learning activities that are effective, fun, and educational. The experimental method used in this study, there are experimental and control classes. The targets for this study were students at a high school in Majalaya. To collect quantitative data on students' mastery of concepts, using pre-test and post-test with 20 multiple choice questions. To collect qualitative data using a questionnaire, as a student response to the use of the Ethno-Edugames application. Based on the results of N-gain, 94% of control class members met the low criteria, and 6% met the moderate criteria. The N-gain of the experimental class was then known that 77% met the medium criteria, 17% met the low criteria, and 6% met the high criteria. Based on the results of the questionnaire, the majority of students liked the use of the Ethno-Edugames application in the learning process. This research shows that the learning process by using the Ethno-edugame application evaluation questions can improve the mastery of concepts in the material of the Reproductive System.*

**Keywords:** *Concept Mastery; Ethno-Edugames Application; Reproduction system*