ABSTRACT

Uki Nupasari. 2022. Application of Blended Learning Methods Assisted by Quizizz Application to Improve Student Learning Outcomes on Animal Tissue Material. Supervisor. Dr. H. Uus Toharudin, M.Pd and Dr. drh. Nia Nurdiani, M.Si.

This research was motivated by the low learning outcomes of students of class XI MIPA III SMA Pasundan 2 Bandung on animal tissue material because the conventional learning process was less attractive and varied and lacked optimization of technology in the learning process. This study aims to determine the improvement of student learning outcomes on animal tissue material by using the application of blended learning methods assisted by the quizizz application in learning. The subjects in this study were 30 students of class XI MIPA III SMA Pasundan 2 Bandung, the study was conducted on August 16 and 18, 2022. The design of this study uses the Pre-Experimental Design method type One Group Pretest -Posttest Design with random sampling technique. The instruments used in measuring the improvement of student learning outcomes in animal tissue material are in the form of pretest questions and posttest questions as many as 20 points of multiple-choice questions with 5 options (A, B, C, and E). Pretest is carried out before the application of animal tissue learning with a blended learning method assisted by the quizizz application, while the posttest is carried out after the provision of animal tissue learning with a blended learning method assisted by the quizizz application, as well as filling out a questionnaire to find out the response of students to learning. The results of this study were seen from the increase in posttest results from pretest. The average pretest score of students is 56.16 less than the posttest result of 90. As for the acquisition of the highest n-gain value of 1.00 and the n-gain value that received a medium criterion of 0.67, and strengthened by the results of the questionnaire of student responses to the application of blended learning methods assisted by the quizizz application received an average positive response of 86.35% and an average negative response of 12.15%. It was concluded that the cognitive abilities of students can be improved after being given treatment using the application of blended learning methods assisted by quizizz applications on animal tissue materials.

Keywords : Learning Outcomes, Blended Learning, Quizizz, Animal Tissue.