ABSTRACT

Meillany Rosmiaty Sutisna. 2019. Use of *EduPlasa* Application Assisted Learning Media to Improve Student Learning Outcomes on Virus Material. Preceptor I Dr. Cartono, M.Pd., M.T., and Preceptor II Dra. Hj. Lilis Suhaerah, M.Kes.

EduPlasa application is a collection of educational applications from various educational software developers both locally and from abroad. Educational applications that exist in EduPlasa in the form of interactive animated content lessons, videos, Ebook BSE, educational applications and many others from the best educational developers. The EduPlasa application used is EduPlasa High School Biology: Microscopic Living Things. This study aims to determine the use of learning media assisted EduPlasa application in improving student learning outcomes on virus material. The type of method used is the Quasi Experiment Design method and the research design used in this study is the nonequivalent control group design. The subject of this study was determined by the purpose sampling technique, namely students of class X MIPA-3 and X MIPA-4 in SMA Pasundan Banjaran in the odd semester of the 2019-2020 school year. The results of cognitive aspects research in the control class obtained an average score of 31.33 pretest and posttest average score of 75.33 and the N-Gain test results obtained a score of 0.64 in the medium category, while for the experimental class the average score was obtained average pretest 32 and posttest average score 82.11 and from the N-Gain test results obtained a score of 0.74 with a high category. The results of the questionnaire assessment of student responses to the number of students 36 students got responses with very good criteria as many as 31 students and 5 students gave responses with good criteria. From the research data it can be concluded that the use of EduPlasa application assisted learning media can improve student learning outcomes.

Keywords: Student Learning Outcomes, EduPlasa Application Assisted Learning Media, Viruses