

ABSTRAK

FITRI NURJANAH 2023. **Pengaruh Model Pembelajaran *Giving Question and Getting Answer* Terhadap Kemampuan Berpikir Kritis Peserta Didik Konsep Materi Sistem Pernapasan Pada Manusia (Studi Eksperimen di Kelas XI MIPA SMAN 1 Jatiwaras Tahun Ajaran 2022/2023)**. Skripsi Jurusan Pendidikan Biologi. Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Giving Question and Getting Answer* terhadap kemampuan berpikir kritis peserta didik pada materi sistem pernapasan manusia di Kelas XI MIPA SMAN 1 Jatiwaras Tahun Ajaran 2022/2023. Metode penelitian yang digunakan yaitu *true experiment* dengan desain *posttest only control design*. Populasi dalam penelitian ini yaitu seluruh kelas XI MIPA SMAN 1 Jatiwaras sebanyak 4 kelas yang berjumlah 142 siswa. Sampel penelitian yang digunakan dalam penelitian sebanyak 2 kelas yaitu XI MIPA 4 sebagai kelas eksperimen yang berjumlah 30 siswa dan kelas XI MIPA 1 sebagai kelas kontrol yang berjumlah 30 siswa. Teknik pengambilan sampel dilakukan dengan Teknik *cluster random sampling*. Teknik pengumpulan data berupa tes kemampuan berpikir kritis berupa soal uraian berjumlah 16 soal. Instrument yang digunakan tes kemampuan berpikir kritis pada materi sistem pernapasan manusia. Uji hipotesis menggunakan uji t independent hasil analisis menunjukkan bahwa H_0 ditolak dengan nilai signifikan diperoleh $0,000 < 0,05$ sehingga dapat disimpulkan bahwa ada pengaruh model pembelajaran *Giving Question and Getting Answer* terhadap kemampuan berpikir kritis peserta didik di kelas XI MIPA SMAN 1 Jatiwaras Tahun Ajaran 2022/2023 pada materi sistem pernapasan manusia.

Kata Kunci: *Giving Question and Getting Answer, Berpikir Kritis, Sistem Pernapasan.*

ABSTRACT

FITRI NURJANAH 2023. The Effect of the Giving Question and Getting Answer Learning Model on Students' Critical Thinking Ability on the Concept of Respiratory System Material in Humans (Experimental Study in Class XI MIPA SMAN 1 Jatiwaras Academic Year 2022/2023). Thesis Department of Biology Education. Faculty of Teacher Training and Education, Siliwangi University.

This study aims to determine the effect of the Giving Question and Getting Answer learning model on students' critical thinking skills in the human respiratory system material in Class XI MIPA SMAN 1 Jatiwaras Academic Year 2022/2023. The research method used is true experiment with posttest only control design. The population in this study were all class XI MIPA of SMAN 1 Jatiwaras with 4 classes totaling 142 students. The research sample used in the study consisted of 2 classes, namely XI MIPA 4 as an experimental class with a total of 30 students and class XI MIPA 1 as a control class with a total of 30 students. The sampling technique was carried out by cluster random sampling technique. The data collection technique was in the form of a critical thinking ability test in the form of description questions totaling 16 questions. The instrument used to test critical thinking skills in the material of the human respiratory system. Hypothesis testing using independent t test results of the analysis shows that H_0 is rejected with a significant value obtained $0.000 < 0.05$ so it can be concluded that there is an effect of the Giving Question and Getting Answer learning model on students' critical thinking skills in class XI MIPA SMAN 1 Jatiwaras Academic Year 2022/2023 on the material of the human respiratory system.

Keywords: Giving Question and Getting Answer, Critical Thinking, Respiratory System.