

ABSTRAK

EKA USWATY HASANAH. 2023. **HUBUNGAN *INTELLIGENCE QUOTIENT* TERHADAP KEMAMPUAN BERPIKIR KRITIS DAN HASIL BELAJAR BIOLOGI PADA MATERI KEANEKARAGAMAN HAYATI KELAS X MIPA DI SMA NEGERI 3 TASIKMALAYA.** Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Siliwangi.

Intelligence Quotient (IQ) atau biasa disebut kecerdasan intelektual merupakan faktor dalam diri yang sangat berpengaruh pada keberhasilan belajar peserta didik. Seberapa baik kemampuan berpikir kritis maupun hasil belajar peserta didik tentu tidak lepas dari faktor kecerdasan intelektual yang dimiliki oleh setiap individu. Penelitian ini bertujuan untuk mengetahui hubungan antara *Intelligence Quotient* (IQ) dengan hasil belajar dan kemampuan berpikir kritis peserta didik pada materi keanekaragaman hayati kelas X MIPA di SMA negeri 3 Tasikmalaya. Metode penelitian yang digunakan ialah metode korelasional dengan populasi seluruh kelas X MIPA di SMA Negeri 3 Tasikmalaya sebanyak 6 kelas dengan jumlah 215 siswa. Sampel dipilih menggunakan teknik *purposive sampling* yakni kelas X MIPA 2 yang berjumlah 36 orang. Instrumen yang digunakan berupa tes uraian berjumlah 20 butir soal untuk mengukur kemampuan berpikir kritis dan tes pilihan ganda berjumlah 32 butir soal untuk mengukur hasil belajar. Analisis data menggunakan uji korelasi *bivariate pearson*. Hasil Penelitian menunjukkan terdapat hubungan yang positif antara *Intelligence Quotient* (IQ) dengan hasil belajar peserta didik dengan nilai koefisien korelasi (R_1) sebesar 0.971 yang artinya terdapat korelasi yang sangat kuat. Selain itu terdapat hubungan *Intelligence Quotient* (IQ) dengan kemampuan berpikir kritis peserta didik dengan nilai koefisien korelasi (R_2) sebesar 0.974 yang berarti korelasi sangat kuat. Dari hasil penelitian dapat disimpulkan bahwa terdapat hubungan antara *Intelligence Quotient* (IQ) terhadap hasil belajar maupun hubungan *Intelligence Quotient* (IQ) dengan kemampuan berpikir kritis peserta didik pada materi keanekaragaman hayati di SMA Negeri 3 Tasikmalaya.

Kata kunci: *Intelligence Quotient*, Hasil Belajar, Berpikir Kritis

Abstract

EKA USWATY HASANAH. 2023. THE RELATION OF INTELLIGENCE QUOTIENT TO CRITICAL THINKING SKILLS AND BIOLOGY LEARNING OUTCOMES IN CLASS X MIPA BIODIVERSITY SUBJECT AT SMA NEGERI 3 TASIKMALAYA. Department of Biology Education, Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.

Intelligence Quotient (IQ) is an internal factor that greatly affects the success of students' learning. How good the critical thinking skills and learning outcomes of students certainly cannot be separated from the intellectual intelligence factors possessed by each individual. This study aims to determine the relation between Intelligence Quotient (IQ) with learning outcomes and critical thinking ability of students on biodiversity material in class X MIPA at SMA negeri 3 Tasikmalaya. The research method used is a correlational method with a population of all X MIPA classes at SMA Negeri 3 Tasikmalaya as many as 6 classes with a total of 215 students. The sample was selected using purposive sampling technique, namely class X MIPA 2 which numbered 36 people. The instruments used were a 20-item description test to measure critical thinking skills and a 32-item multiple choice test to measure learning outcomes. Data analysis used Pearson's bivariate correlation test. The results showed that there is a positive relation between Intelligence Quotient (IQ) and students' learning outcomes with a correlation coefficient value (R1) of 0.971 which means there is a very strong correlation. In addition, there is a relation between Intelligence Quotient (IQ) and students' critical thinking skills with a correlation coefficient value (R2) of 0.974 which means a very strong correlation. From the results of the study it can be concluded that there is a relation between Intelligence Quotient (IQ) to learning outcomes and the relation of Intelligence Quotient (IQ) with students' critical thinking skills on biodiversity material at SMA Negeri 3 Tasikmalaya.

Keyword: Intelligence Quotient, Learning outcomes, Critical thinking