#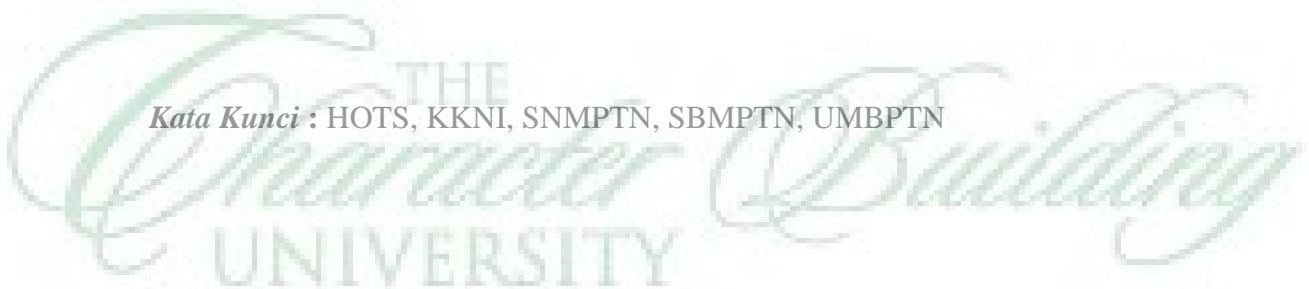 ANALISIS KEMAMPUAN KOGNITIF TINGKAT TINGGI MAHASISWA PENDIDIKAN BIOLOGI BERBASIS ENAM TUGAS KKNI PADA MATA KULIAH ANATOMI TUMBUHAN DI UNIVERSITAS NEGERI MEDAN

Firna Afrilla
4152141007

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kemampuan kognitif tingkat rendah dan tinggi berbasis enam tugas KKNI dan mengetahui perbedaan kemampuan kognitif tingkat tinggi berdasarkan jalur seleksi masuk pada jurusan Biologi Unimed. Penelitian ini merupakan penelitian deskriptif kuantitatif. Populasi penelitian sekaligus menjadi sampel penelitian adalah seluruh mahasiswa jurusan pendidikan biologi Unimed Angkatan 2017 yang masih aktif sebanyak 177 orang. Sumber data dari penelitian ini berupa tes UTS dan UAS, angket dan hasil wawancara. Hasil penelitian menunjukkan kemampuan kognitif tingkat rendah mahasiswa pendidikan biologi 74,19 tinggi dan kemampuan kognitif tingkat Tinggi mahasiswa pendidikan biologi 62,92 Tinggi. Berdasarkan indikator menganalisis 37 % baik, mengevaluasi 31 % kurang baik dan mencipta 32% kurang baik. Hasil analisis data penelitian yang diperoleh rata-rata kemampuan kognitif tingkat tinggi jalur masuk SNMPTN 61,65403, SBMPTN 64,169354, dan UMBPTN 62,383333, dan hasil uji T menunujukkan bahwa tidak ada perbedaan kemampuan kognitif tingkat tinggi dari mahasiswa pendidikan biologi jalur SNMPTN, SBMPTN dan UMBPTN dan berdasarkan ketiga jalur masuk mahasiswa memiliki kemampuan kognitif tingkat tinggi yang tinggi.

Kata Kunci : HOTS, KKNI, SNMPTN, SBMPTN, UMBPTN

ANALYSIS OF HIGH-LEVEL COGNITIVE ABILITY OF BIOLOGICAL EDUCATION STUDENTS BASED ON SIX TRAINING ASSIGNMENTS IN THE EYE OF ANATOMIC PLANTS IN MEDAN STATE UNIVERSITY

Firna Afrilla
4152141007

ABSTRACT

The purpose of this study was to determine low and high level cognitive abilities based on six IQF assignments and to know the differences in high level cognitive abilities based on the selection pathways in the Unimed Biology department. This research is quantitative descriptive. The research population as well as the research sample were all 2017 Unimed Biology Education Department students who were still active as many as 177 people. Sources of data from this study were UTS and UAS tests, questionnaires and interview results. The results showed that the low level cognitive ability of biology education students was 74.19 high and the high level cognitive abilities of biology education students were 62.92 High. Based on the indicator analyze 37% good, evaluate 31% less well and create 32% less well. The results of the research data analysis obtained an average cognitive ability of the entry level of SNMPTN 61.65403, SBMPTN 64.169354, and UMBPTN 62.383333, and the results of the T test showed that there were no differences in the high level cognitive abilities of SNMPT pathology biology students , SBMPTN and UMBPTN and based on the three student entrance lines students have high high level cognitive abilities.