

**ANALISIS PENGETAHUAN DAN KESULITAN BELAJAR SISWA PADA
MATERI POKOK SISTEM SARAF DI KELAS XI SMA NEGERI 3
SIBOLGA TAHUN PEMBELAJARAN 2015/2016**

**Sri Winanda Saragih
(NIM. 4123341049)**

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kognitif siswa dalam mempelajari materi pokok sistem saraf dari aspek kemampuan kognitif, indikator pembelajaran dan kesulitan belajar siswa dari faktor-faktor penyebab kesulitan belajar di kelas XI SMA Negeri 3 Sibolga Tahun Pembelajaran 2015/2016. Desain penelitian yang digunakan yaitu deskriptif kuantitatif. Populasi dalam penelitian ini adalah seluruh siswa kelas XI yang berjumlah 138 orang. Sampel diambil secara *cluster random sampling* yaitu kelas XI-IPA₂ dan XI-IPA₅ yang berjumlah 64 orang siswa di SMA Negeri 3 Sibolga. Teknik pengumpulan data yang digunakan adalah tes hasil belajar siswa pada materi sistem saraf dan non tes berupa angket kesulitan belajar siswa. Hasil penelitian menunjukkan bahwa persentase kesulitan belajar kognitif siswa pada aspek kognitif dari C1 sampai C4 berada dalam kategori kesulitan tinggi, dimana tingkat pengetahuan (C1) 43,75%, tingkat pemahaman (C2) 45,31%, tingkat penerapan (C3) 45,51%, tingkat analisis (C4) 43,36%, sedangkan C5 sampai C6 berada dalam kategori kesulitan sangat tinggi, dimana tingkat evaluasi (C5) 49,33% dan tingkat kreasi (C6) 46,88. Persentase kesulitan belajar kognitif siswa berdasarkan indikator pada materi sistem saraf indikator 1 dan 2 berada dalam kategori kesulitan sangat tinggi, dimana pada indikator (1) 48,25% dan indikator (2) 51,57%, sedangkan pada indikator 3 dan 4 berada dalam kategori kesulitan tinggi, dimana pada indikator (3) 41,29% dan indikator (4) 42,58%. Faktor-faktor kesulitan belajar siswa yang mendukung adalah intelegensi, motivasi, media sedangkan faktor lainnya seperti kesehatan, minat, psikiatik, lingkungan keluarga, sekolah, dan materi kurang mendukung dalam menyebabkan kesulitan belajar.

Kata kunci : *Kognitif, kesulitan belajar, sistem saraf, faktor kesulitan belajar.*

**ANALYSIS OF KNOWLEDGE AND LEARNING DIFFICULTIES OF
STUDENTS IN THE SUBJECT MATTER NERVOUS SYSTEM STATE IN
CLASS XI SMA 3 YEARS LEARNING SIBOLGA 2015/2016**

**Sri Winanda Saragih
(NIM. 4123341049)**

ABSTRACT

This study aims to determine the cognitive students in learning the subject matter of the nervous system from the aspect of cognitive ability, indicators of student learning and learning difficulties of the factors that cause learning difficulties in class XI SMA Negeri 3 Sibolga Learning Years 2015-2016. The study design used is descriptive quantitative. The population in this study were all students of class XI totaling 138 people. Samples were taken by cluster random sampling-IPA_2 class XI and XI-IPA_5 totaling 64 students at SMA Negeri 3 Sibolga. The data collection technique used is the achievement test students on the material of the nervous system and the non-test questionnaire students' learning difficulties. The results showed that the percentage of students' cognitive learning difficulties in the cognitive aspects of the C1 to C4 are in the category of high difficulty, where the level of knowledge (C1) 43.75%, the level of understanding (C2) 45.31%, the application level (C3) 45, 51%, the level of analysis (C4) 43.36%, while the C5 to C6 are in the category of difficulty is very high, where the level of evaluation (C5) 49.33% and the rate of creation (C6) 46.88. Percentage of students' cognitive learning difficulties based on the indicators on the nervous system material indicators 1 and 2 are in the category of difficulty is very high, where the indicator (1) 48.25% and the indicator (2) 51.57%, while the indicator 3 and 4 are in high difficulty category, where the indicator (3) 41.29% and the indicator (4) 42.58%. Factors that support students' learning difficulties is intelligence, motivation, media, while other factors such as health, interests, psikiatik, family environment, school, and less material to support the cause of learning difficulties.

Keywords : *Cognitive, learning difficulties, nervous system, learning difficulty factor.*