

ANALISIS KEMAMPUAN KOGNITIF DAN SIKAP SISWA
PADA MATERI SISTEM SARAF DI KELAS XI SMA
NEGERI 2 PERCUT SEI TUAN TAHUN
PEMBELAJARAN 2017/2018

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ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kemampuan kognitif dan sikap siswa pada materi sistem saraf di kelas XI SMA Negeri 2 Percut Sei Tuan Tahun Pembelajaran 2017/2018. Jenis penelitian yang digunakan yaitu *deskriptif korelasional*. Populasi dalam penelitian ini adalah siswa kelas XI SMA Negeri 2 Percut Sei Tuan Tahun Pembelajaran 2017/2018 yang berjumlah 166 orang. Sampel dalam penelitian ini adalah 2 kelas sebanyak 84 orang kelas XI Mia 3 dan Mia 4 yang diambil secara *Random sampling*. Sumber data dari penelitian ini berupa tes pilihan berganda sebanyak 30 soal dan angket sikap 30 soal. Hasil Penelitian menunjukkan bahwa kemampuan kognitif siswa tentang sistem saraf sangat baik 21,42%, baik 51,19%, cukup baik 13,09%, kurang baik 13,09% dan sangat kurang 1,09%. Hasil penelitian tes kemampuan kognitif siswa baik dengan nilai rata-rata 69,87, sedangkan kemampuan kognitif siswa berdasarkan indikator pada materi sistem saraf indikator (1) 68,45%, indikator (2) 67,52%, indikator (3) 74,52% kategori baik dan indikator (4) 64,28% cukup baik dan hasil angket sikap menunjukkan kemampuan siswa baik pada indikator menerima 71,31%, menghargai 75,49%, mengorganisasikan 71,32%, karakteristik 68,92% dan cukup baik pada indikator menanggapi 57,93%. Hasil analisis pengujian hipotesis dalam penelitian ini diperoleh bahwa kemampuan kognitif dan sikap siswa pada materi sistem saraf memiliki hubungan positif dan berkategori sedang dengan $r_{hitung} > r_{tabel}$ ($0,562 > 0,214$) dan $t_{hitung} > t_{tabel}$ ($6,149 > 1,663$).

Kata kunci : Kemampuan kognitif, sikap, sistem saraf.

**ANALYSIS OF COGNITIVE CAPABILITIES AND STUDENT
ATTITUDES IN THE NERVE SYSTEM MATERIALS IN
CLASS XI STATE 2ND HIGH SCHOOL, PERCUT SEI
TUAN LEARNING YEAR 2017/2018**

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ABSTRACT

The purpose of this study was to determine the cognitive abilities and attitudes of students in the nervous system material in class XI of SMA Negeri 2 Percut Sei Tuan Learning Year 2017/2018. The type of research used is descriptive correlational. The population in this study were students of class XI of State Senior High School 2 Percut Sei Tuan 2017/2018 Learning Year totaling 166 people. The sample in this study were 2 classes as many as 84 people in class XI Mia 3 and Mia 4 who were taken by Random sampling. Sources of data from this study are 30 multiple choice tests and 30 question attitude questionnaires. The results showed that the cognitive abilities of students about the nervous system were very good 21.42%, both 51.19%, good enough 13.09%, less good 13.09% and very less 1.09%. The results of the cognitive abilities test of students is good with an average value of 69.87, while the cognitive abilities of students based on indicators on the material of the nervous system indicators (1) 68.45%, indicators (2) 67.52%, indicators (3) 74, 52% good category and indicator (4) 64.28% good enough and the results of the attitude questionnaire showed students' ability both on the indicator received 71.31%, valued 75.49%, organized 71.32%, characteristics 68.92% and sufficient both on the indicator responded to 57.93%. The results of the analysis of testing the hypothesis in this study found that the cognitive abilities and attitudes of students in the nervous system material have a positive and moderate categorical relationship with $r_{count} > r_{table}$ ($0.562 > 0.214$) and $t_{count} > t_{table}$ ($6.149 > 1.663$).

Keywords: cognitive ability, attitude, nervous system.