

**ANALISIS KEMAMPUAN SISWA PADA RANAH KOGNITIF
DAN AFEKTIF PADA MATERI STRUKTUR DAN
FUNGSI JARINGAN TUMBUHAN DI KELAS
XI SMA N 1 BINJAI T.P. 2018/2019**

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ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kemampuan kognitif dan sikap siswa pada materi struktur dan fungsi jaringan tumbuhan di kelas XI SMA Negeri 1 Binjai Tahun Pembelajaran 2018/2019. Jenis penelitian ini adalah penelitian deskriptif dengan metode kuantitatif. Populasi dalam penelitian ini adalah siswa kelas XI SMA Negeri 1 Binjai Tahun Pembelajaran 2018/2019 yang berjumlah 90 orang. Sampel dalam penelitian ini adalah 3 kelas sebanyak 90 orang, yang diambil secara *Random sampling*. Hasil Penelitian menunjukkan bahwa kemampuan kognitif siswa tentang struktur dan fungsi jaringan tumbuhan sangat baik 34,44%, baik 26,67%, cukup baik 17,78%, kurang baik 13,33% dan sangat kurang 7,78%. Hasil penelitian tes kemampuan kognitif siswa sangat baik, sedangkan kemampuan kognitif siswa berdasarkan indikator pada materi struktur dan fungsi jaringan tumbuhan indikator (1) 83,88%, indikator (2) 91,85%, indikator (3) 88,70% kategori baik dan indikator (4) 83,01% cukup baik dan hasil angket sikap menunjukkan kemampuan siswa baik pada indikator menerima 77,43%, menanggapi 74,28%, menghargai 65,92%, mengorganisasi 80,5% dan karakteristik 72,61%, dan kategori kemampuan afektif siswa tertinggi terdapat pada indikator mengorganisasi sebesar 80,5%, sedangkan kategori kemampuan afektif siswa terendah terdapat pada indikator menghargai sebesar 65,92%.

Kata kunci : Kemampuan kognitif, afektif, struktur dan fungsi jaringan tumbuhan .

**ANALYSIS OF STUDENT ABILITY IN COGNITIVE FRIENDS
AND AFEKTIVE ON THE STRUCTURE MATERIAL AND
PLANT NETWORK FUNCTIONS IN CLASS
XI N 1 BINJAI SMA T.P. 2018/2019**

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ABSTRACK

The purpose of this study was to determine the cognitive abilities and attitudes of students in the material structure and function of plant tissue in class XI 1 Binjai Public High School Learning Year 2018/2019. This type of research is descriptive research with quantitative methods. The population in this study were class XI students of SMA 1 Binjai 2018/2019 Learning Year totaling 90 people. The sample in this study were 3 classes as many as 90 people, taken by Random sampling. The results showed that students' cognitive abilities about the structure and function of plant tissue were very good 34.44%, both 26.67%, quite good 17.78%, not good 13.33% and very less 7.78%. The results of the research on students' cognitive ability tests were very good, while the students' cognitive abilities based on indicators on the structure and function of plant tissue indicators were (1) 83.88%, indicators (2) 91.85%, indicators (3) 88.70% good categories and indicators (4) 83.01% were good enough and the results of the attitude questionnaire showed students' abilities both on indicators received 77.43%, responded to 74.28%, valued 65.92%, organized 80.5% and characteristics 72.61% , and the highest category of affective abilities of students is found in the organizing indicator of 80.5%, while the lowest category of student affective abilities is in the indicator of respecting 65.92%.

Keywords: Ability of cognitive, affective, structure and function of plant tissue.

