ABSTRAK

Manuel Siahaan, NIM 4172141025 (2017). Analisis Kesulitan Belajar Siswa Pada Materi Sel Dalam Pembelajaran Daring di Kelas XI MIA SMA Swasta GKPI Padang Bulan Medan T.P 2021/2022.

Penelitian ini bertujuan untuk mengetahui tingkat kesulitan belajar siswa pada materi sel dan faktor yang menyebabkan kesulitan belajar siswa. Metode yang digunakan dalam penelitian ini adalah deskriptif kuantitatif. Populasi dalam penelitian ini adalah seluruh siswa kelas XI MIA SMA Swasta GKPI Padang Bulan Medan. Sampel penelitian yang digunakan merupakan seluruh siswa yang termasuk dalam penelitian (*total sampling*) yaitu sebanyak 44 siswa. Instrumen yang digunakan dalam penelitian ini adalah tes diagnostik berupa tes pilihan berganda dan angket tertutup. Data dianalisis dengan teknik persentase. Hasil penelitian menunjukkan bahwa tingkat persentase kesulitan belajar siswa pada materi sel ditinjau dari aspek kognitif pada C1 (26,82%) dengan kategori sedang, C2 (38,64%), C3 (44,32%), dan C6 (44,32%) dengan kategori tinggi, serta C4 (51,95%) dan C5 (56,82%) dengan kategori sangat tinggi. Persentase kesulitan belajar pada aspek indikator pembelajaran yang termasuk dalam kategori sedang yakni; menjelaskan komponen kimia penyusun sel (33,33%) dan mengetahui persamaan sel hewan dan sel tumbuhan (25%). Yang termasuk dalam kategori tinggi yakni; mengetahui struktur sel (49,43%), mengetahui bagian-bagian sel (41,47%), mengetahui fungsi bagian-bagian sel (48,86%), menganalisis mekanisme transport pasif difusi (44,31%), menganalisis mekanisme transport pasif osmosis (47,72%), dan menjelaskan diagram transport aktif (44,31%). Yang termasuk dalam kategori sangat tinggi ialah menjelaskan sejarah dan teori sel (52,27%) dan mengetahui perbedaan sel hewan dan sel tumbuhan (63,63%). Faktor yang menyebabkan kesulitan belajar siswa yaitu minat (68,20)%, rasa percaya diri (67,62%), guru (75,34%), fasilitas (70,96%), serta keluarga (69,35%) termasuk dalam kategori cukup menghambat, motivasi (62,33) dan kegiatan lain (61,32) termasuk dalam kategori menghambat.

Kata Kunci: Aspek Indikator Pembelajaran, Aspek Kognitif, Kesulitan belajar, Materi sel.

ABSTRACT

Manuel Siahaan, NIM 4172141025 (2017). Analysis of Student Learning Difficulties on Cell Materials in Online Learning in Class XI MIA SMA Swasta GKPI Padang Bulan Medan T.P 2021/2022.

This research aims to find out the level of learning difficulties students have on cell materials and the factors that cause students' learning difficulties. The methods used in this study are quantitative descriptive. The population in this study was all students of class XI MIA GKPI Padang Bulan Medan Private High School. The research sample used is all students included in the study (total sampling) which is as many as 44 students. The instruments used in this study are diagnostic tests in the form of multiple-choice tests and closed questionnaires. Data is analyzed with percentage techniques. The results showed that the percentage level of student learning difficulties in cell material in terms of cognitive aspects at C1 (26.82%) in the medium category, C2 (38.64%), C3 (44.32%), and C6 (44.32 %) in the high category, and C4 (51.95%) and C5 (56.82%) in the very high category. The percentage of learning difficulties in the aspect of learning indicators which are included in the medium category, namely; explain the chemical components that make up cells (33.33%) and know the similarities between animal cells and plant cells (25%). Those included in the high category are; knowing the structure of the cell (49.43%), knowing the parts of the cell (41.47%), knowing the function of the cell parts (48.86%), analyzing the passive transport mechanism of diffusion (44.31%), analyzing the transport mechanism passive osmosis (47.72%), and explained the active transport diagram (44.31%). In the very high category is explaining the history and theory of cells (52.27%) and knowing the differences between animal cells and plant cells (63.63%). Factors that cause students' learning difficulties are interest (68.20)%, self-confidence (67.62%), teachers (75.34%), facilities (70.96%), and family (69.35%) fall into the category of quite inhibiting, motivation (62.33) and other activities (61.32) fall into the category of inhibition.

Keywords: Aspects of Learning Indicators, Cell, Cognitive Aspects, Learning difficulties.