

**ANALISIS KESULITAN BELAJAR SISWA PADA MATERI POKOK
SISTEM PERTAHANAN TUBUH MANUSIA DI KELAS XI IPA SMA
NEGERI 9 MEDAN TAHUN PEMBELAJARAN 2016/2017**

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ABSTRAK

Tujuan dari penelitian adalah untuk mengetahui tingkat kesulitan belajar siswa pada materi pokok Sistem Pertahanan Tubuh Manusia yang ditinjau dari aspek kognitif, dan faktor penyebab. Metode yang digunakan adalah deskriptif kuantitatif. Populasi dalam penelitian adalah seluruh siswa kelas XI IPA SMA Negeri 9 Medan. Sampel penelitian diambil secara *total sampling* sebanyak 163 siswa. Instrumen penelitian adalah tes diagnostik berupa tes objektif dan angket. Data dianalisis dengan teknik persentase. Hasil penelitian menunjukkan bahwa : (1) persentase tingkat kesulitan belajar siswa pada setiap aspek kognitif soal pengetahuan (C1) sebesar 41,17% termasuk dalam kategori kesulitan Tinggi. Pemahaman (C2) sebesar 51,02% termasuk dalam kategori kesulitan sangat tinggi. Aplikasi (C3) sebesar 63,80% termasuk dalam kategori kesulitan sangat tinggi. Analisis (C4) sebesar 58,40% termasuk dalam kategori kesulitan sangat tinggi. Evaluasi (C5) sebesar 58,08% termasuk dalam kategori kesulitan sangat tinggi, dan Kreasi (C6) sebesar 59,51% termasuk dalam kategori kesulitan sangat tinggi; (2) persentase kesulitan belajar setiap indikator soal pada materi pokok sistem pertahanan tubuh manusia meliputi : indikator menjelaskan sistem pertahanan tubuh dan fungsinya 53,79% termasuk dalam kategori sangat tinggi, indikator Mendeskripsikan sistem pertahanan tubuh spesifik sebesar 58,80% termasuk dalam kategori sangat tinggi, indikator Mendeskripsikan sistem pertahanan tubuh nonspesifik sebesar 33,65% termasuk dalam kategori tinggi, indikator Mengidentifikasi sistem pertahanan tubuh secara alami sebesar 46,17% termasuk dalam kategori tinggi, indikator Menjelaskan fungsi antigen dan antibodi pada mekanisme pertahanan tubuh sebesar 63,20% termasuk dalam kategori sangat tinggi, indikator mengidentifikasi terjadinya pertahanan tubuh secara aktif dan pasif sebesar 51,95% termasuk dalam kategori sangat tinggi, dan indikator mendeskripsikan gangguan pada kekebalan tubuh sebesar 65,34% termasuk dalam kategori sangat tinggi, dan (3) faktor yang termasuk dalam kategori menghambat siswa dalam mempelajari materi sistem pertahanan tubuh manusia adalah kesehatan, intelegansi, minat, motivasi, psikiatik, lingkungan keluarga, sekolah, materi pelajaran, dan media.

Kata kunci: Aspek kognitif, Indikator pembelajaran, kesulitan belajar, Sistem Pertahanan Tubuh Manusia.

**ANALYSIS OF STUDENT LEARNING DIFFICULTIES IN THE HUMAN
BODY'S DEFENSE SYSTEM IN CLASS XIth GRADE STUDENTS OF
SMA NEGERI 9 MEDAN YEAR 2016/2017**

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ABSTRACT

The purpose of the research is to determine the level of difficulty of students learning on the subject matter the human body's defense system which viewed from the cognitive, learning indicators and causal factors. The method used is descriptive quantitative. Population in research is all students of class XI IPA SMA Negeri 9 Medan. The samples of the study were taken in a total sampling of 163 students. The research instrument is a diagnostic test in the form of objective test and questionnaire. Data were analyzed by percentage technique. The results showed that: (1) the percentage of students' learning difficulties in each aspect of cognitive knowledge (C1) of 41,17% included in the High difficulty category. Understanding (C2) of 51,02% is included in the category of very high difficulty. Application (C3) of 63,80% included in the category of difficulty very tinggi. Analysis (C4) of 58,40% included in the category of very high difficulty. Evaluation (C5) of 58,08% included in the category of very high difficulty, and Creative (C6) of 59,51% included in the category of very high difficulty; (2) percentage of learning difficulties of each indicator about the subject matter the human body's defense system include: the indicator to describes the body's defense system and its functions of 53,79% included in very high category, the indicators describe specific body defense system is 58.80% Category is very high, the indicator describe nonspecific body defense system of 33,65% included in the medium category, the indicator identify the body defense system naturally of 46,17% included in medium category, the indicators describes the functions of antigens and antibodies to the body defense mechanisms of 63,20% are included in very high category, the indicator identifying active and passive defense of the body of 51,95% are included in very high category, and the indicator describes immune disorders of 65,34% are included in very high category, and (3) the factors included in the categories that hamper the students in the study of the human body's defense system material are health, intelligence, interest, motivation, psychiatry, family environment, school, subject matter, and media.

Keywords: Cognitive aspects, Aspects of indicators, Difficulty learning, The Human Body's Defense System.