

ABSTRAK

Nia Yulina Rambe, NIM 4213341048. Analisis Minat Belajar dan Kemampuan Literasi Sains Pada Materi Sistem Pertahanan Tubuh Terhadap Penyakit Siswa Kelas XI SMA Negeri 17 Medan.

Penelitian ini bertujuan untuk mengetahui tingkat minat belajar, kemampuan literasi sains, serta hubungan antara keduanya pada materi *Sistem Pertahanan Tubuh terhadap Penyakit* siswa kelas XI SMA Negeri 17 Medan. Waktu pelaksanaan penelitian ini berlangsung pada bulan mei hingga agustus 2025. Penelitian ini menggunakan metode deskriptif kuantitatif dengan sampel sebanyak 65 siswa yang dipilih melalui teknik purposive sampling. Instrumen penelitian berupa angket minat belajar dan tes esai kemampuan literasi sains. Hasil penelitian menunjukkan bahwa minat belajar siswa berada pada kategori sedang dengan rata-rata 47,56 dan kemampuan literasi sains juga tergolong sedang dengan rata-rata 48,72. Berdasarkan hasil uji korelasi Pearson diperoleh nilai $r = 0,786$ dengan signifikansi 0,000 ($p < 0,05$) yang menunjukkan adanya hubungan positif dan signifikan antara minat belajar dan kemampuan literasi sains siswa. Dengan demikian, semakin tinggi minat belajar siswa maka semakin tinggi pula kemampuan literasi sains yang dimiliki.

Kata kunci: Minat Belajar, Literasi Sains, Sistem Pertahanan Tubuh, SMA Negeri 17 Medan



ABSTRACT

Nia Yulina Rambe, NIM 4213341048. Analysis of Scientific Literacy Ability and Learning Interest in the Material of the Body's Defense System Against Diseases of Class XI Students of SMA Negeri 17 Medan.

This study aims to determine the level of learning interest, scientific literacy ability, and the relationship between the two on the topic of *The Body's Defense System Against Disease* among grade XI students at SMA Negeri 17 Medan. The time of implementation of this study took place from May to August 2025. The research employed a quantitative descriptive method with a sample of 65 students selected using purposive sampling. The instruments used were a learning interest questionnaire and an essay test of scientific literacy ability. The results showed that students' learning interest was in the moderate category with an average score of 47.56, and their scientific literacy ability was also in the moderate category with an average score of

48.72. The Pearson correlation test obtained an r value of 0.786 with a significance of

0.000 ($p < 0.05$), indicating a positive and significant relationship between learning interest and scientific literacy ability. Thus, the higher the students' learning interest, the higher their scientific literacy ability.

Keywords: Learning Interest, Scientific Literacy, Body Defense System, SMA Negeri 17 Medan

