



Students' Cognitive Ability in View of the Personality Type of Hippocrates Galenus

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Receive: 17/05/2023

Accepted: 17/06/2023

Published: 01/10/2023

Abstrak

The personality type proposed by Hippocrates and Galenus has become a topic of discussion in the world of education. While it cannot be considered an accurate and valid measure of a student's cognitive ability, understanding personality type can help teachers or parents understand student learning styles and support learning more effectively and efficiently. Each student has a learning style that is different from one another. and understanding personality types can help identify student strengths and weaknesses and provide learning methods that fit student learning styles. This article discusses the personality types of Hippocrates and Galenus and their influence on students' cognitive abilities. This article also suggests that understanding personality type is only one of the factors that influence students' cognitive abilities, and effective learning strategies must consider other factors such as students' interests and motivation, learning objectives, and learning contexts. This article recommends several references about student personality types and cognitive abilities that can be used as teaching materials for teachers or parents.

Keywords : *Hipocrates Galenus personality type, Students' Cognitive Ability.*

Abstract

Tipe kepribadian yang dikemukakan oleh Hippocrates dan Galenus telah menjadi topik pembahasan dalam dunia pendidikan. Meskipun tidak dapat dianggap sebagai ukuran kemampuan kognitif siswa yang akurat dan valid, memahami tipe kepribadian dapat membantu guru atau orang tua memahami gaya belajar siswa dan mendukung pembelajaran secara lebih efektif dan efisien. Tiap tiap siswa mempunyai gaya belajar yang berbeda dengan satu sama lain. dan memahami tipe kepribadian bisa membantu mengidentifikasi kekuatan dan kelemahan siswa serta memberikan metode belajar yang pas dengan gaya belajar siswa. Artikel ini membahas tentang tipe kepribadian Hippocrates dan Galenus serta pengaruhnya terhadap kemampuan kognitif siswa. Artikel ini juga menyarankan bahwa memahami tipe kepribadian hanyalah salah satu faktor yang mempengaruhi kemampuan kognitif siswa, dan strategi pembelajaran yang efektif harus mempertimbangkan faktor lain seperti minat dan motivasi siswa, tujuan pembelajaran, dan konteks pembelajaran. Artikel ini merekomendasikan beberapa referensi tentang tipe kepribadian siswa dan kemampuan kognitif yang dapat digunakan sebagai bahan ajar bagi guru atau orang tua.

Keywords : *Hipocrates Galenus personality type, Students' Cognitive Ability.*

Introduction

Personality is part of the background and attitude of an individual towards his behavior. Knowing the types of individual personality can help understand and be able to adjust certain attitudes or behaviors that are in harmony with the other person when interacting socially with people around them. (Hanifatuzzahra D and Fitriyani H, 2021) .

The personality type of Hippocrates and Galenus is one of the classic models in psychology which is used to understand individual differences in behavior and personality. This model describes four personality types, namely choleric, melancholy, sanguinis, and phlegmatic, each of which has unique characteristics. Although this model has been criticized by many modern psychologists, it is still widely used in various contexts, including in education.

Hippocrates personality type has 4 personality types namely; Sanguine, people who have this type tend to be optimistic, energetic, and like to socialize. Choleric, individuals who have this personality type tend to be aggressive, assertive, and easily angry. Melancholy, individuals who have this personality type tend to be thinkers, anxious, and difficult to get along with. Phlegmatic, individuals who have this personality type tend to be calm, patient, and difficult to motivate. Meanwhile, Galenus personality type also has 4 personality types namely; Blood, individuals who have this personality type tend to be active, optimistic, and like to socialize. Slime, individuals who have this personality type tend to be introverted, shy, and tend to reflect. Bile, individuals who have this personality type tend to be aggressive, assertive, and easily angry . Gallbladder, individuals who have this personality type tend to be calm, patient, and difficult to get excited.

Fluid The body can affect students' cognitive. The purpose of students' cognitive abilities is abilities which are

related to the ability to remember both in the fields of knowledge, information, and intellectual skills (Dimiyati and Mudjiono, 2006). In preparing tests and syllabus as well as educational attainment, there is a basic framework that is used where the basic framework itself is cognitive ability (Gunawan and Palupi, 2012). In measuring cognitive abilities, you can use the results of learning tests which make parameters of cognitive ability (Handayani, et al. 2015) .

Students' cognitive ability is also an important concern in education. Students' cognitive ability relates to their ability to think, remember, and solve problems. Good cognitive abilities are very important in helping students learn more effectively and succeed in various fields.

Vidayanti (2017) states that cognitive abilities are abilities that can increase and increase students' thinking abilities. There is one theory where the theory talks about the importance of having cognitive skills, in which this theory is the theory put forward by Benjamin S. Bloom, he argues that "quality education is achieved through the application of all levels of cognitive domains in each lesson (Huda. 2013)).

In the context of education, understanding students' personality types can help educators to design more effective learning strategies. A different approach may be needed to encourage the cognitive development of students who have different personality types. Therefore, it is important to know the cognitive abilities of students against the Hippocrates and Galenus personality types so that educators can design effective and beneficial learning strategies for students.

Research methods

The method applied in working on this article is based on literature review . The method used is a systematic review through reviewing articles about Students' Cognitive Ability In View Of The Personality Type Of Hipocrates Galenus. This study was

carried out by combining several articles from various sources. The analyzed articles were accessed via internet search from databases, namely: Google Scholar and Google Book. In a word key Students' Cognitive Ability In View Of The Personality Type Of Hipocrates Galenus.

Students' cognitive ability towards Hippocrates and Galenus personality types.

The views of Hippocrates and Galenus regarding personality types cannot be considered as an accurate and valid measurement tool for students' cognitive abilities. The personality types put forward by both of them are more descriptive than predictive, so they cannot be used as a tool to accurately measure students' cognitive abilities.

Students' cognitive abilities can be measured in various ways, such as standardized psychological tests or tests of cognitive abilities that are specifically designed for certain purposes. These tests are usually based on more modern psychological theories and have a stronger empirical foundation.

However, understanding student personality types can help teachers or parents know student learning styles and provide more effective and efficient support in the learning process. Each student has a different learning disposition , and an understanding of personality types can help identify students' strengths and weaknesses and provide learning strategies that suit their learning styles.

Examples of students' cognitive abilities based on Hippocrates and Galenus personality types:

Choleric Personality Type.

Students with this personality type tend to have strong cognitive abilities in solving

problems and making decisions. They are also able to work quickly and efficiently in situations that require direct action. (Agustina, Rani, 2013)

Furthermore , from the results of research conducted by Nurdin, et al. 2020, students who have a choleric personality, when collecting a fact, parts are mentioned in full, and when doing mathematical manipulation, they can solve it quickly and quickly (nurdin, et al. 2020)

Melancholic Personality Type.

Students with this personality type tend to have strong cognitive abilities in planning and preparing themselves before taking action. They also tend to pay attention to details and have good analytical skills. (Agustina Rani, 2013)

In research conducted by Nurdin, et al. 2020 Melancholy in Mathematical Manipulation, write down the parts that are known and the questions that are in the direction of what is said in the activity of understanding the problem (consistent) Then building arguments to solve the problem in a different (creative) way. (Nurdin et al 2020)

Fitria and Siswono (2014) argue that students with melancholic personalities increasingly find ways creative to solve geometric problems related to plane shapes (farah 2020) .

Sanguine Personality Type.

Students with this personality type tend to have cognitive abilities strong in communication and work in teams. They also tend to be creative and capable generate new ideas in solving problems. (Agustina Rani, 2013)

Students with Sanguin personality, when doing mathematical manipulation, steps to solve the problem correctly by checking the parts clearly, in detail and sequentially. In Building Arguments, have alternative solutions (there are creative elements) as well as different solutions clearly and concisely . There is a tendency to share

concise and clear information (Nurdin, et al 2020)

Phlegmatic Personality Type.

Students with this personality type tend to have strong cognitive abilities in controlling emotions and solving problems rationally. They are also able to think calmly and objectively in situations that require important decisions. (Agustina Rani, 2013) This is supported and proven by relevant theory and research. Based on Winarso's research (2015) it shows that students who are phlegmatic are quite capable of solving problems and their percentage is 81.58%. (Farah, 2020)

Phlegmatic, calm and patient nature is characteristic of a phlegmatic subject. In manipulating mathematics, write down the steps to solve the problem clearly, in detail and sequentially (written calmly and patiently). In building arguments, they have a tendency to use experience to solve the same problem (analytical) and have a tendency to present information in the form of pictures/diagrams. (Nurdin, et al. 2020)

However, students' cognitive abilities are not entirely dependent on their personality type. There are other factors such as environment, educational support, and motivation that also play a role in developing students' cognitive abilities. Therefore, it is important for educators to consider these factors in designing effective learning strategies to maximize students' cognitive potential.

Can this personality type develop students' abilities?

The personality type proposed by Hippocrates and Galenus does not directly develop students' cognitive abilities. However, an understanding of personality types can assist teachers and parents in providing a more effective and efficient learning approach, so as to assist students in developing their cognitive abilities.

In choosing learning strategies that suit student learning styles, teachers or parents

can consider student personality types to obtain better results. For example, students who have the Sanguine personality type who like to socialize and be active can learn more easily through learning methods that involve social interaction, such as group discussions or team projects. Fitria & Siswono (2014) In addition, a sanguine personality in terms of work, has the characteristics of volunteering for assignments, thinking of new activities, looks great on the surface, creative and innovative, has energy and enthusiasm, starts in a brilliant way, inspires others to participate and enchant others to work (Fitria & Siswono, 2014: 24).

Meanwhile, students who have a Melancholic personality type who tend to be thinkers and anxious can learn better through learning methods that are more structured and focus on details, such as through providing clear guidance or setting assignments. Fitria & Siswono (2014) A melancholic personality in terms of work, has schedule-oriented characteristics, perfectionist, high standards, aware of details, persistent and careful, orderly organized, orderly and neat, economical, sees problems, gets creative solutions, needs to solve what to start, like diagrams, graphs, charts and lists (Fitria & Siswono, 2014: 24).

In addition, an understanding of personality types can also assist in identifying students' strengths and weaknesses in terms of cognitive abilities, so that it can assist in developing more appropriate learning strategies to improve students' cognitive abilities. For example, students who have the Blood personality type who tend to be active and optimistic can be directed to learn in more active methods, such as through experiments or hands-on practical activities. Meanwhile, students who have the Slime personality type who tend to be introverted and shy can be more directed to study with more calm and reflective methods, such as reading and writing.

There is an influence of personality in a person's behavior, with it it can be assumed that personality can influence learning styles which are a picture of attitudes and behavior in learning (Prihanti, 2014). Kolb stated that there is one factor that can control learning styles which is personality type. (Ghufron and Risnawita. 2014)

Atkinson argues that "Personality is a pattern of behavior and a way of thinking that is separate, which is used to determine an individual's adjustment to his environment" (Grace. 2014).

However, it is important to remember that personality type is only one factor that influences a student's cognitive ability, and an effective learning strategy must take into account other factors, such as student interest and motivation, learning objectives, and learning context.

Conclusion

The personality type proposed by Hippocrates and Galenus cannot be considered as an accurate and valid measuring tool for students' cognitive abilities. However, an understanding of personality types can help teachers or parents understand student learning styles and provide more effective and efficient support in the learning process. Each student has a different learning style, and an understanding of personality types can help identify students' strengths and weaknesses and provide learning strategies that suit their learning styles.

However, keep in mind that personality type is only one factor that influences a student's cognitive ability, and an effective learning strategy must consider other factors, such as student interest and motivation, learning objectives, and learning context. Therefore, understanding students' personality types can be a useful tool in understanding their learning needs, but is not the only factor to consider in developing effective learning strategies.

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