Validity and Reliability of Character Education Internalization Instruments

Sultoni
Department of Educational Administration
Universitas Negeri Malang, Indonesia
sultoni.indocakti@gmail.com

Imam Gunawan
Department of Educational Administration
Universitas Negeri Malang, Indonesia
imam.gunawan.fip@um.ac.id

Dika Novita Sari
Department of Educational Administration
Universitas Negeri Malang, Indonesia
dikanovita11@gmail.com

Abstract: Character education is now a topic that is often discussed in seminar forums. But there is not yet a standard instrument in measuring the internalization of character education. This study aims to measure the validity and reliability of character education. The instrument used to measure internalization of character education is a closed questionnaire. The questionnaire was composed of 18 questions. The respondents in this study were 158 students. Analysis of the validity test using the Pearson Product Moment correlation formula. While the reliability test uses Cronbach's Alpha. The validity test results are a valid instrument to measure the internalization of character education values, that is, all items value $\alpha < 0.05$. The reliability test results are a reliable instrument to measure the internalization of character education values, namely with a Cronbach's Alpha score of 0.846.

Keywords: validity, reliability, questionnaire, character education

I. INTRODUCTION

The development of the nation's character is a series of efforts for growth and change that are planned and carried out consciously by all citizens of a nation, state and government towards modernity in the context of fostering the nation (nation-building). There are a number of Indonesian characters lately that have begun to change in an alarming direction. For example, religious attitudes, polite patient, mutual respect, and prioritize deliberation (Gunawan, 2012; Kusumaningrum, et al., 2019). Now it tends to be destructive in carrying out community activities.

Character determines human behavior. So that one of the factors that are commonly used as a "scapegoat" of the behavior of citizens who are not commendable is the character of the nation that began to shift, even declining quality. Such conditions are influenced by world trends, namely globalization, which allows information to enter unlimitedly (borderless information). In a situation like this there is a process of trans-cultural and cross-cultural which then brings together cultural values with each other (Gunawan, 2012).

Character education has a broader meaning than moral education because it is not just teaching what is right and what is wrong, but more than that (Gunawan, 2012). Character education instills habits about good things, so students become understand (cognitive domain) about which is good and which is bad, able to feel and appreciate (affective domain) good value and used to do it (psychomotor domain).

Lickona (1992) believes that there is absolute morality, which must be taught to young people so that they understand and do what is good and stay away from bad. Furthermore, Lickona disagrees with the way of moral reasoning education and value clarification taught in the United States because in fact there is an absolute universal moral value which is sourced from the teachings of world religions called the golden rule. These moral values such as mutual respect, honesty, modesty, mutual help, fair, and responsible (Sultoni, et al., 2018b). Character is a good value in the form of behavior (Zuhdi, 2009; Sultoni, et al., 2018a).

The internalization of character values in students must be done massively and systematically. Students as future generations must be prepared carefully, through good education, namely by passing down a noble nation's culture. This study examines the validity and reliability of instruments that measure the internalization variables of character education. Character education refers to moral values that are good and develop in people's lives. The application of these educational values will form a harmony in society. The society that upholds the values of character is the characteristics of a civilized society.

II. METHOD

This article presents the results of the validity and reliability of the instruments used to measure the variables of character education internalization. The instrument for measuring these variables using a questionnaire. The questionnaire was prepared using a closed questionnaire model, where respondents chose the answer choices according to their circumstances. The answer choices and their assessment scores are: always given a score of 4; often given a score of 3; rarely given a score of 2, and have never been given a score of 1.

Questionnaire statement items refer to the values of character education as stated in the Ministry of National Education policy, namely: religious; honest; tolerance; discipline; hard work; creative; independent; democratic; curiosity; spirit of nationality; love the motherland; reward achievement; friendly / communicative; love peace; like to read; environmental care; social care; and responsibility (Kemendiknas, 2010). The variable translation grid is shown in Table 1.

Table 1
Descriptions of Research Variables

No	Character Value Indicator	Number Item
1	Religious	1
2	Honest	2
3	Tolerance	3
4	Discipline	4
5	Hard work	5
6	Creative	6
7	Independent	7
8	Democratic	8
9	Curiosity	9
10	Spirit of nationality	10
11	Love the motherland	11
12	Reward achievements	12
13	Friendly/communicative	13
14	Love peace	14
15	Like to read	15
16	Environmental care	16
17	Social care	17
18	Responsible	18

The research respondents were 158 students from 780 students who received the Bidikmisi scholarship from the State University of Malang in 2018. The research data was taken together with the soft skills training activities at the State University of Malang, which was held on Thursday, September 6, 2018.

Test the validity using the Pearson Product Moment Correlation Formula (formula 1). While the reliability test uses Cronbach's Alpha (formula 2). An item is valid if the probability value (α) < 0.05 (Gunawan, 2016; Hadi, et al., 2018; Gunawan, 2013). The instrument criteria are stated to be reliable if the value of $r_{alpha} > r_{table}$, and the r_{table} value for N = 158 is 0.159. Test the validity and reliability using IBM SPSS Statistics 20.

$$r = \frac{N\,\Sigma XY - (\Sigma X)(\Sigma Y)}{\sqrt{\left(N\,\Sigma X^2 - (\Sigma X)^2\right)\left(N\,\Sigma Y^2 - (\Sigma Y)^2\right)}} \qquad (1)$$

$$\alpha = \frac{N\,\bar{c}}{\bar{v} + (N-1)\bar{c}} \qquad (2)$$

III. RESULTS

The results of the validity test showed that each statement item compiled to measure the indicators of the character education internalization variable were all values α < 0.05. So, it can be concluded that the items arranged are valid for measuring the internalization of character education variables. This means that the statement items in the questionnaire are valid for measuring the internalization of character education. The validity test results are shown in Table 2.

The reliability test results showed that the Cronbach's Alpha value of 0.846 as shown in Table 3; and Cronbach's Alpha if Item Deleted as shown in Table 4. The reliability test results show $r_{alpha} = 0.846 > r_{table} = 0.159$; and all Cronbach's Alpha if Deleted Items > 0.159. So, it was concluded that the instrument was reliable. This means that the instrument can be referred to as an instrument that has a high level of consistency in measuring variables.

IV. DISCUSSION

Based on the results of the validity test showed that the instrument variable internalization of character education consisting of 18 statement items is valid for measuring the variable. And based on the results of the reliability test also showed that the instrument was reliable. Statement items developed by referring to 18 valid and reliable indicators to measure the internalization variables of character education.

Religious is an obedient attitude and behavior in implementing the teachings of the religion it adheres to, tolerant of the implementation of other religious worship and living in harmony with followers of other religions (Suparlan, 2010). Instilling religious character is the first step in cultivating religious traits, attitudes, and behaviors in the next developmental period. Childhood is the best time to embed religious values. Efforts to inculcate religious values must be adjusted to the level of development.

It must be remembered; the child's religious awareness is still at the stage of imitating. For this reason, the conditioning of the school environment that supports the process of inculcating religious values must be designed as attractive as possible. At this stage, the role of the teacher becomes very important as an example to set a good example for students. The role of the teacher is not just a reminder but also as an example together carrying out religious activities with students.

Honesty is an attitude that is in harmony between what is said and what is done. Honesty has a positive impact on various aspects of life, both now and in the future. Honesty is a very valuable investment and basic capital for the creation of effective communication and healthy relationships. Children as individuals who are honest and sensitive to various stimuli originating from the outside environment can have harmonious relationships and good communication with others. This kind of relationship will create mutual trust between the two. At school, this is the ideal time the teacher embeds the value of honesty in students.

Tolerance is the attitudes and actions that respect differences in religion, ethnicity, ethnicity, opinions, attitudes, and actions of others who are different from him. The diversity that exists in society requires a high tolerance to continue to create harmony in people's lives full of peace. The tolerance of students as academic capital in order to direct a more cohesive social life to future life (Bahari, 2010). Student tolerance attitude is manifested in the form of mutual respect, respect for others, mutual opportunity and openness in social relations (Randa, 2017). Tolerance affects harmony in life.

Discipline is an action that shows an orderly and compliant behavior with various rules and regulations. Discipline is a consistent attitude in doing something. Discipline is a condition that is created and formed through the process of a series of behaviors that show the values of obedience, obedience, loyalty, serenity, orderliness, and order. Activities that need to be cultivated in schools related to these basic values include: being on time for entering school, attending meetings or other activities scheduled by the school.

Hard work is a behavior that shows earnest effort in overcoming various learning barriers and tasks and completing tasks properly. Hard work is an activity that is done in earnest without fatigue or stopping before the work target is reached and always prioritizes or pays attention to

the satisfaction of the results on every activity carried out. Hard work can be interpreted as working to have a serious nature to achieve the goals to be achieved. They can utilize the optimal time so that sometimes they don't recognize the time, distance, and difficulties they face. They are very enthusiastic and try hard to achieve good and maximum results.

Creative is thinking and doing something to produce a new way or result from something already owned. The creativity of students really needs to be developed. The creative power of students regarding the ability to reason and create something to solve problems. Students who have the ability to think creatively will have the ability to solve every problem faced well (Gunawan, et al., 2014). Creativity is a very important aspect to be developed, in order to be able to create, discover, and create something that is unique, interesting, more useful, and also increases economic value (Habib, 2017).

Table 2
Test the Validity of the Variables in Character Education Internalization

Item	Statement	Pearson Correlation	Sig. (2-tailed)	Note
1	I behave and behave obediently carrying out the teachings of his religion, tolerant of the implementation of other religious worship, and live in harmony with followers of other religions	.336	.000	Valid
2	I behave based on trying to make myself a person who can always be trusted in words, actions, and work	.551	.000	Valid
3	I act and act respecting differences in religion, ethnicity, ethnicity, opinions, attitudes, and actions of others who are different from me	.459	.000	Valid
4	I act and behave in an orderly manner and obey the rules and regulations	.520	.000	Valid
5	I behave in a way that shows earnest effort in overcoming various learning barriers and assignments and completing tasks as well as possible	.519	.000	Valid
6	I think and do something to produce a new way or result from something that is already owned	.541	.000	Valid
7	I behave and behave not easily depending on others in completing tasks	.537	.000	Valid
8	I think, behave, and act to judge the same rights and obligations of himself and others	.482	.000	Valid
9	I try to find out more deeply and extensively from something I have learned, seen and heard	.524	.000	Valid
10	I think, act and be insightful by placing the interests of the nation and state above self and group interests	.576	.000	Valid
11	I think, behave, and act by showing loyalty, caring and high respect for the language, physical environment, social, cultural, economic, and political nature of the nation	.639	.000	Valid
12	I act and act to push myself to produce something that is useful for the community, and acknowledge, and respect the success of others	.555	.000	Valid
13	I take actions that show pleasure in talking, socializing, and cooperating with others	.562	.000	Valid
14	I behave, say, and activities that cause others to feel happy and secure in my presence	.471	.000	Valid
15	I have a habit of making time to read a variety of readings that give virtue to myself	.515	.000	Valid
16	I act, act, and try to prevent damage to the surrounding natural environment, and develop efforts to repair natural damage that has already occurred	.626	.000	Valid
17	I acted and acted to want to help others and the people in need	.590	.000	Valid
18	I behave and behave to carry out the duties and obligations, which I should do, towards myself, society, the environment (natural, social and cultural), country and God Almighty	.476	.000	Valid

Independent is the attitude and behavior that is not easy to depend on others in completing tasks. The characteristics of someone having an independent attitude is self-control, meaning that someone who is independent is able to overcome the problems being faced with a clear heart and does not address these problems emotionally.

Democratic is a way of thinking, behaving, and acting that shares the same rights and obligations of himself and others. Democracy is prioritizing equal rights, obligations, and treatment for all citizens. School life is a bridge or transition for children in order to instill democratic values in a child.

Embedding democratic values is usually done by teaching children about democratic values. To apply the democratic values that have been taught, the school provides facilities for students in the form of organizations. This organization aims to teach students to be more democratic, responsible and respectful. So that it is expected to be useful as a provision for students who will later plunge into social, national and state life.

Curiosity is the attitude and action that always seeks to find out more deeply and extensively from something that is learned, seen, and heard. Curiosity is every natural behavior of curiosity and is an emotional aspect of living things that gives rise to exploration, investigation, and learning. Students who have high curiosity will have high learning motivation. Students will continue to think, ask, observe, and record phenomena that they know.

The spirit of nationality is a way of thinking, acting and having insight that places the interests of the nation and the state above the self and group interests. The spirit of nationality is a condition that shows the awareness to surrender the highest loyalty of each person to the state and nation. This understanding is in line with the meaning of the spirit of nationalism which is identical to the concepts of nationalism and patriotism. Nationalism is an understanding which considers that the highest loyalty of each person must be left to the nation-state. While patriotism means 'the spirit of loving the motherland or the attitude of someone who is willing to sacrifice everything to defend his nation'.

Love of the motherland (nationalist) is a way of thinking, acting, and having insight into placing the interests of the nation and state above personal or group interests. The nationalist character can be instilled through several things, including through the flag ceremony. By inculcating this nationalist attitude, as an adult, there is a threat to the country he will become a person who is willing

to sacrifice and dare to position himself in the front row in order to protect and save his beloved country.

Appreciating achievement is the attitude and action that drives him to produce something that is useful for the community, and recognizes, and respects the success of others. Respect can be likened to learning, with us valuing the achievements of others. This means we learn about a process of why he can excel. Mother Teresa states that not everyone can become a great human being, but you can do something simple with great love. Achievement is not just a matter of ranking, but about how we are sincere and work earnestly.

Table 3
Reliability Statistics

Cronbach's Alpha	N of Items
.846	18

Table 4
Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted	Note
it_1	58.05	34.507	.284	.845	Reliable
it_2	58.26	32.563	.485	.837	Reliable
it_3	58.09	33.653	.401	.841	Reliable
it_4	58.49	32.277	.438	.839	Reliable
it_5	58.41	32.588	.445	.839	Reliable
it_6	58.85	31.488	.443	.839	Reliable
it_7	58.66	31.679	.443	.839	Reliable
it_8	58.48	32.213	.385	.842	Reliable
it_9	58.42	32.334	.444	.839	Reliable
it_10	58.58	31.125	.482	.837	Reliable
it_11	58.45	31.370	.571	.832	Reliable
it_12	58.49	31.704	.469	.837	Reliable
it_13	58.50	31.920	.483	.837	Reliable
it_14	58.52	32.404	.376	.842	Reliable
it_15	59.01	31.923	.420	.840	Reliable
it_16	58.68	30.600	.539	.834	Reliable
it_17	58.42	31.736	.515	.835	Reliable
it_18	58.22	33.218	.409	.840	Reliable

Friendly/communicative is an action that shows a sense of pleasure in talking, socializing, and cooperating with others. Friendly makes individuals more preferred by colleagues, family, and others who may not be known. Friendly is able to change the atmosphere of the other person and make a calm atmosphere become calm and friendly. Communication is the main activity in interacting with other people and is the most common activity carried out by people. The ability to be able to communicate effectively is highly demanded by prospective national leader students and young intellectuals (Siska, et al., 2003).

Peace love is the attitude, words, and actions that cause other people to feel happy and safe in their presence. A peaceful attitude makes life peaceful for the presence of individuals who love peace. Every individual who loves peace must have a good life. Life in peace is very beautiful. There is no hatred, no hostility, and also no violence. All competitiveness respect and appreciate. That is what in Indonesian culture is called harmony between religious communities. This harmony can be realized if the differences are seen as a gift and not a source of division. And since a long time ago, Indonesia has been a large country of diversity. And in diversity there is peace.

Likes to read is a habit of providing time to read various readings that provide virtue for him. The willingness of an individual will take the time to read very well and must be imitated, because by reading to know something new and maybe things that have never been known before. Reading fondness can open a window of mind so that you can get used to saving knowledge as early as possible (Kusmintardjo and Gunawan, 2017).

Caring for the environment is the attitude and action that always seeks to prevent damage to the surrounding natural environment, and develop efforts to repair natural damage that has already occurred. Environmental care must be applied from the immediate environment, such as the home and the surrounding environment. Planting plants and throwing garbage in the trash can is a simple matter to practice environmental awareness.

Social care is the attitude and action of always wanting to provide assistance to others and those in need. Children's care can be instilled in schools in various ways. For example, when a classmate is sick then he can visit or can also collect money from classmates and then buy something like an innate when visiting as a form of concern. With the caring attitude inherent in children from an early age it will be loved by many friends. And when the child is suddenly in a difficult situation there will definitely be someone who wants to reach out and immediately help him.

Responsibility is the attitude and behavior of a person to carry out their duties and obligations, which he should do, towards oneself, society, the environment (natural, social and cultural), the state and God Almighty.

Responsibility is human awareness of behavior or actions, whether intentional or unintentional. Responsibility also means acting as an expression of awareness of the obligation. Responsibility is a characteristic of civilized (cultured) humans. Humans feel responsible because they realize the consequences of good or bad deeds and also realize that the other party requires dedication or sacrifice. To obtain or increase responsible awareness, efforts must be made through education, counselling, example, and piety to God Almighty.

V. CONCLUSION

Education develops cultural values and national character in learners so that they have values and character as their own character, apply these values in their lives, as members of society, and citizens who are religious, nationalist, productive, and creative. Local wisdom can be used as a foundation to build the nation's character, as long as it does not conflict with the values of Pancasila.

Efforts should be made to stem the negative effects of globalization. Formal, non-formal and informal education channels are involved in the maintenance of local wisdom in order to build the character of the Indonesian nation. The characters that are built are not only characters that are inherent to students, but all citizens must also be built. So, it will build the character of the Indonesian nation.

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