The Using of Distance Learning (Online) to Students of SMP IT Alhijrah Bintuju

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Abstract

This research was carried out at SMP IT Alhijrah Bintuju. The aim of this research is to find out whether there is a significant influence of the application of distance learning techniques (online) on the ability to write procedure texts by class VII students at SMP IT Alhijrah Bintuju.

This research is an experimental study with a population of class VII SMP IT Alhijrah Bintuju consisting of 1 class in which 28 students. Meanwhile, the sample for this research was class VII with a total of 28 students using total sampling techniques. The data from this research were obtained from test scores, namely a test of the ability to write procedure texts before using distance learning techniques (pre test) and a test of the ability to write procedure texts after using distance learning techniques (post test). The data obtained were analyzed using the t test formula.

Based on the results of data analysis, the results obtained consist of: 1) The results of data calculations illustrate that the mean score for the ability to write procedure texts after using the distance learning technique (online) was obtained with a score of 78.04, in the "Good" category. 2) The results of data calculations illustrate that the mean score for the ability to write procedure texts before using the distance learning (online) learning model was obtained with a score of 67.68, in the "Enough" category. 3) The results of hypothesis testing obtained a value of t0 = 4.42. These results are compared with tt at degrees of freedom (df) 54 or (N1 + N2 - 2) = 28 + 28 - 2 = 54. The tt score is 2.00 at the 5% significance level. Thus, it can be concluded that t0 is greater than tt, namely = 4.42 > 2.0. So it can be said "there is a significant influence of the use of distance (online) learning techniques on the ability to write procedure texts by class VII students at SMP IT Alhijrah Bintuju."

Keywords: Distance Learning Techniques, Online, Procedure Text, Writing.

Abstrak

Penelitian ini dilaksanakan di SMP IT Alhijrah Bintuju. Adapun tujuan penelitian ini adalah untuk mengetahui apakah ada pengaruh yang signifikan penerapan teknik pembelajaran jarak jauh (*online*) terhadap kemampuan menulis teks prosedur oleh siswa kelas VII SMP IT Alhijrah Bintuju.

Penelitian ini merupakan penelitian eksperimental dengan populasi kelas VII SMP IT Alhijrah Bintuju yang terdiri dari 1 kelas berjumlah 28 siswa. Sedangkan sampel penelitian ini adalah kelas VII dengan jumlah 28 siswa dengan menggunakan teknik *total sampling.* Data hasil penelitian ini diperoleh dari nilai tes yaitu tes kemampuan menulis teks prosedur sebelum menggunakan teknik pembelajaran jarak jauh (*pre test)* dan tes kemampuan menulis teks prosedur setelah menggunakan teknik pembelajaran jarak jauh (*post test).* Data yang diperoleh dianalisis menggunakan rumus uji t.

Berdasarkan hasil analisis data diperoleh hasil terdiri dari: 1) Hasil perhitungan data menggambarkan bahwa nilai rata-rata kemampuan menulis teks prosedur setelah mengganakan model

pembelajaran jarak jauh (*online*) diperoleh skor 78,04, berada pada kategori "Baik". 2) Hasil perhitungan data menggambarkan bahwa nilai rata-rata kemampuan menulis teks prosedur sebelum menggunakan model pembelajaran jarak jauh (*online*) diperoleh skor 67,68, berada pada kategori"Cukup". 3) Hasil pengujian hipotesis diperoleh nilai $t_0 = 4{,}42$. Hasil tersebut dibandingkan dengan t_t pada derjat kebebasan atau *degree of freedom* (df) 54 or $(N_1 + N_2 - 2) = 28 + 28 - 2 = 54$. Skor t_t adalah 2.00 pada taraf signifikan 5%. Dengan demikian, maka dapat disimpulkan bahwa t_0 lebih besar daripada t_t yaitu $= 4{,}42 > 2.0$. Sehingga dapat dikatakan " ada pengaruh yang signifikan penggunaan teknik pembelajaran jarak jauh (*online*) terhadap kemampuan menulis teks prosedur oleh siswa kelas VII SMP IT Alhijrah Bintuju."

Kata Kunci: Teknik Pembelajaran Jarak Jauh (PJJ), Online, Teks Prosedur, Menulis

INTRODUCTION

Education is something essential for humans. Through education, humans can learn to face all the problems that exist in the universe, in order to maintain their lives, education in human life has a very important role. It can shape a person's personality and education is recognized as a force that can determine a person's achievement and productivity where long life education and is the responsibility of all parties, namely the government, society and family. The function of education is to guide students towards a goal that we value highly. Good education is a successful effort to bring all students to that goal.

The challenge of improving the quality, relevance and effectiveness of education as a national demand, in line with the development and progress of society, has real implications in educational programs and school curricula. The objectives of the curriculum program can be achieved well if the program is designed clearly and is applicable. Teachers must have skills in effective learning systems. Thus, the problem of the teaching system, which is part of education, is always undergoing changes and improvements, especially regarding the methods and facilities used in the teaching and learning process.

In addition, researcher has not found any research results regarding the ability to write procedure texts without involving approaches, models, methods or techniques. Distance learning or also called distance education is carried out by utilizing modern technology in learning activities without the teacher's direct presence. said that distance learning is a program offer. Education designed to facilitate learning strategies that do not depend on day-to-day learning contact, but utilize the best potential of learners to learn according to their own wishes and abilities.

The distance learning model is a form of distance learning using printed modules used for correspondence and ICT-based learning such as television, radio, and computers and the internet. Thus, teachers must know the best media that can be used by participants when studying subject matter and the level of technological ability.

Distance learning is a learning system that focuses on the learning process (modules) with tutorial guidance which is held remotely within a certain time to develop knowledge and skills according to the type, nature and level of education that has been determined.

Through distance learning model, it is intended to determine learning outcomes so that they are in line with what is expected by the teacher and students will achieve better results in accordance with the implementation of the distance learning model. In the teaching and learning process, learning outcomes are an assessment of the results of learning activities expressed in the form of numbers, letters or symbols which can reflect the results achieved by each child in a certain period. Learning outcomes in this case are cognitive and affective learning achievements.

Due to the results achieved by graduates, their impact on the program and on society. Improving the quality of students' abilities according to their respective areas of ability, interest and talent so that they are better able to improve their own quality. Looking at this phenomenon, teachers must be able to improve and stimulate students to be active and enjoyable, namely through appropriate learning methods that can increase high learning outcomes, so in the distance learning system, students must learn on their own and be able to evaluate themselves. In this case, students work on questions without supervision. He alone assesses whether the answer is right or wrong but remains under the supervision of the teacher.

Teaching and learning is an activity that has educational value. Educational values make variation in interactions that occur between teachers and students. Interactions have educational value because the teaching and learning activities carried out are directed at achieving goals that have been formulated before teaching begins or is carried out. Teachers consciously plan their teaching activities systematically by utilizing everything for teaching purposes.

Writing ability is one of the most needed language skills, especially in expressing ideas, thoughts and messages through essays. In formal education field, writing skills play a very important role, especially in composing narrative essays, descriptions, expositions and arguments. Writing is a way for someone to express thoughts or ideas into writing. According to Dalman states that writing is a creative process in the form of written language with a purpose, for example informing, convincing, or entertaining.[1]

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[1] Dalman. *Menulis Karya Ilmiah.* (Depok: Raja Grafindo Persada, 2015), p. 3.

Meanwhile, Tarigan said that "writing is a language skill that is used to communicate indirectly, not face to face with other people".[2] Writing is a communication system between humans that uses symbols or language symbols that can be seen and agreed upon by the user. Writing is done in writing by paying attention to good and correct sentence structure. Writing activities if done continuously will produce good and interesting writing. Writing skills will not be mastered only through theory, but to produce well-organized writing, you must go through regular practice and practice to create well-organized writing. The clarity of writing organization depends on the way of thinking, correct wording, and good sentence structure.

As one language skills that the most difficult to master is writing skills because writing is an activity that requires practice and requires precision and intelligence. Writing activities require extensive knowledge and a logical mindset. Writing skills are used to note, record, convince, report, inform, and influence readers. Such aims and objectives can only be achieved well by a writer who understands what he is writing. For this reason, writers need to gain knowledge about the topic they are going to write about.

Text is a unit of language that contains complete meaning, thoughts and ideas. Text does not always take the form of written language, text can also take the form of spoken language. Texts contained at the GradeVII SMP include descriptive texts, narratives, procedures and observation results reports.

The researcher chose procedure text as a research reference because procedure text is an initial learning text for class VII students and procedure text is a text that contains objectives and steps that must be followed so that a job can be carried out. The communicative purpose of procedure texts is to provide instructions or how to do something through a series of actions or steps.[3]

It is very important for students to master procedure texts because in learning procedure texts are a form of text that contains the steps or stages that must be taken to do something so that they can do it easily and correctly. There are many activities that must follow procedures so that the activity runs smoothly and without obstacles that will make the activity go wrong or fail.

Based on facts and data obtained from pre observations carried out by researchers at SMP IT Alhijrah Bintuju, it was revealed that research on writing procedure texts had never been carried out at that school. Therefore, research on writing procedure texts is very

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[2] Tarigan, Henry Guntur. *Menulis Sebagai Suatu Keterampilan Berbahasa*. (Bandung: Angkasa, 2008), p. 3-4.

[3] Kementerian Pendidikan dan Kebudayaan, 2013. *Buku Guru Bahasa Indonesia Wahana Pengetahuan SMP/MTs Kelas VII*. Jakarta: Kementerian Pendidikan dan Kebudayaan

important to research as there is still a lack of research on students' abilities in writing procedure texts. This research was carried out because in learning Indonesian the biggest obstacle for students is the writing aspect. According to the author's observations, one of the causes is students' lack of vocabulary and knowledge in writing. Therefore, students must always be trained in writing various texts, in this case writing procedure texts.

Based on the description above, researcher is interested in conducting research with the title, "The Effect of Using the Distance Learning Model (Online) toward Student's Ability to Write Procedure Texts at the Grade VII Students of SMP IT Alhijrah Bintuju."

RESEARCH METHODS

The type of this research is experimental research using Pre-Experimental Design, by applying One-Group Pretest-Posttest Design, that is, a true experiment because the research can control all external variables that influence the course of the experiment. The sampling in this research used total sampling, in this case all Grade VII students of SMP IT Alhijrah Bintuju were the samples with a total of 28 students. To obtain the data required for this research, data collection was carried out through instruments that will be developed by the author, namely observation and tests. Data analysis using the t test formula.

RESULTS AND DISCUSSION

1. The Effect of Using Distance Learning (Online) towards Students' Ability in Writing Procedure Text at the Grade VII of SMP IT Alhijrah Bintuju

Learning to write procedure texts using a distance learning model is carried out online with a duration of 90 minutes. The learning stage begins with student orientation towards the problem. At this stage the educator explains the learning objectives and infrastructure needed to support the online learning process. At this stage, educators also motivate students to be involved in problem solving activities.

The second stage is organizing students to learn about problems that have been oriented. Educators are instructed to compose a procedure text based on information containing text procedures. This information contains the structure of the procedure text, namely introduction, purpose, method and conclusion. Student representatives convey the results of writing procedure texts based on the information obtained.

The results obtained based on observations during procedure text learning using the distance learning model are for the following reasons:

Table 1: Assessment Results of the Learning Process for Writing Procedure Texts Using the Distance Learning Model at the GradeVII of SMP IT Alhijrah Bintuju

No.	Aspects	Acievements	
		Score	Percentage
1	Definition of Distance Learning	250	89,3%
2	Part of Distance Learning	260	92,7%
3	The Media Used in Distance Learning	240	85,7%
4	Characteristic of Distance Learning	200	71,4%
5	Distance Learning Priciples	230	82,1%
6	Part of Distance Learning Charateristic	250	89,3%
7	In order to the teachers can carry out supervision and actively participate, they need to pay attention to these things	270	96,4%
8	Benefits of Distance Learning	210	75,0%
9	Weaknesses thay may be obstacle in distance learning	200	71,4%
10	Model of Distance learning which suitable applied	250	89,3%
mean			85,0%

Note:

Very effective   :85 %-100 %

Effective   : 75 % -84 %

Effective enough : 65%- 74%

Less effective   : < 65 %

Based on table 1 above, it can be seen that the use of the distance learning model (online) in writing procedure texts obtained an mean of 85.0% which can be interpreted in the very effective category. This can be shown in these ten aspects, namely the understanding of the distance learning model at 89.3% in the very effective category. Achievement in the distance learning model aspect was 92.7% in the very effective category. Achievement in the aspect of media that can be used in distance learning is 85.7% in the very effective category. Achievement in the characteristic aspect of distance learning was 71.4% in the quite effective category. Student achievement in the aspects of distance learning principles was 82.1% in the effective category. Student achievement in the characteristics of distance learning was 89.3% in the very effective category. Student achievement in aspects so that teachers can carry out supervision and actively participate, need to pay attention to things amounting to 96.4% in the very effective category. Student achievement in the excellence aspect of online distance learning was 75% in the effective

category. Student achievement in weak aspects that might be an obstacle to the distance learning model was 71.4% in the quite effective category and student achievement in aspects of the learning model that were very suitable during the pandemic was 89.3% in the very effective category.

2. Result of the Writing Procedure Text Ability by Using Distance Learning (*Online*)

Research data on the ability to write procedure texts is data obtained from students' results in taking tests on writing procedure texts after teaching using a distance learning model (online). The author collects data about writing procedure texts as an illustration of research data. The description of the data is as follows: the lowest data is 65, the highest data is 90. From the description of the data, the mean value is 78.04, the middle value or medium is 70, and the number that frequently appears or mode is 75, while the theoretical value is 0 – 100 with an mean of 50. From the description of the data, it is known that the mean score for the ability to write procedure texts is higher than the theoretical mean score. If you consult the assessment criteria table, it is in the "Good" category. It can be concluded that the writing skills of students at the Grade VII SMP IT Alhijrah Bintuju are satisfactory. For clearer data on students' acquisition of the ability to write procedure texts, you can see the following table:

Table 2: Data on Students' Procedure Text Writing Ability in the Post Test at the Grade VII SMP IT Alhijrah Bintuju

No	Initial Name	Aspects				Score
		1	2	3	4	
1.	AT	20	15	25	25	85
2.	ARH	20	20	20	10	70
3.	AP	20	20	25	25	90
4.	AD	10	15	20	20	65
5.	AI	20	20	25	20	85
6.	DM	20	20	20	15	75
7.	DA	10	20	25	25	80
8.	EH	15	15	20	25	75
9.	EP	10	20	25	25	80
10.	FA	10	15	20	20	65
11.	FT	20	20	30	20	90
12.	IR	20	20	25	25	90
13.	IN	20	20	25	20	85
14.	KN	20	20	10	20	70
15.	LR	10	20	20	20	70
16.	LS	15	15	30	25	85
17.	MS	15	20	20	20	75
18.	NA	20	20	20	20	80
19.	NS	20	20	20	15	75
20.	RA	15	20	25	20	80
21.	RS	20	20	25	20	85

22.	RKS	15	20	20	20	75
23.	RF	20	20	20	20	80
24.	SK	15	20	20	20	75
25.	SW	15	20	25	20	80
26.	SR	15	20	15	20	70
27.	TM	15	20	20	20	75
28.	YP	15	20	20	20	75
Total		**460**	**535**	**615**	**575**	**2185**
Mean		**16,43**	**19,12**	**21,96**	**20,54**	**78,04**

From the table above, students' achievement scores for each indicator can be interpreted as follows:

a. The ability to write procedure texts for students at Grade VII of SMP IT Alhijrah Bintuju on text content indicators can be categorized as "Very Good". This was obtained from the total student results of 460 out of 560. So the results of the ability to write procedure texts on the text content indicator were obtained on mean 82.14%.

b. The ability to write procedure texts for students at Grade VII of SMP IT Alhijrah Bintuju on text structure indicators can be categorized as "Very Good". This was obtained from the total student results of 535 out of 560. So the results of the ability to write procedure texts on the text structure indicator were obtained on mean 95.53%.

c. The ability to write procedure texts for students at Grade VII of SMP IT Alhijrah Bintuju according to the indicators of text writing rules can be categorized as "Good". This was obtained from the total student results of 615 out of 840. So the results of the ability to write procedure texts on the text writing rules indicator obtained an mean of 73.21%.

d. The ability to write procedure texts for students at Grade VII of SMP IT Alhijrah Bintuju on the linguistic characteristics of the text can be categorized as "Adequate". This was obtained from the total student results of 575 out of 840. So the results of the ability to write procedure texts on the linguistic characteristic indicators of the text obtained an mean of 68.45%.

To describe the mean, median and mode values, see the following description:

a. Mean

The mean score is the total number of student scores divided by the number of students. So the mean score describes the student's overall score. The calculation of the mean student score regarding the ability to write procedure texts is as follows:

$$M_x = \frac{\sum X}{N} = \frac{2185}{28} = 78,04$$

From the calculations above, it can be seen that the mean student score in procedure text writing skills is 78.04. Meanwhile, students' weaknesses are seen in indicators of language features of procedure texts

b. Median

$$\text{Median} = b + p\left(\frac{\frac{1}{2}n - F}{f}\right)$$

$$= 74,5 + 5\left(\frac{14-14}{8}\right)$$

$$= 74,5 + 5\left(\frac{0}{8}\right)$$

$$= 74,5 + (5x0)$$

$$= 74,5 + 0$$

$$= 74,5$$

From the data above, it can be concluded that the median of students' writing procedure text ability is 74,5.

c. Modus

The mode is the number that appears frequently. The mode in the variable ability to write procedure texts is a number that often appears in students' scores regarding their ability to write procedure texts. The data is as follows:

$$\text{Mode} = b + p\left(\frac{d_1}{d_1 + d_2}\right)$$

$$= 74.5 + 5\left(\frac{4}{4+2}\right)$$

$$= 74.5 + 5\left(\frac{4}{6}\right)$$

$$= 74.5 + 5(0,67)$$

$$= 74,5 + 3,35$$

$$= 77,85$$

From the data above can be concluded that the mode is 77,85.

Below, the researcher presents in a table the mean, median and mode of the ability to write procedure texts in the post test:

Table 3 Mean, Median dan Mode of Writing Procedure Text Ability in *Post Test*

No.	Item	Skor
1	Mean	78,04
2	Median	74,5
3	Modus	77,85

From the data above, it can be known that the mean of writing procedure text ability in *post test* at the Grade VII is 78,04, median is 74,5, dan modus is 77,85.

From this explanation, the position of the mean value of students' procedure text writing ability can be described as follows:
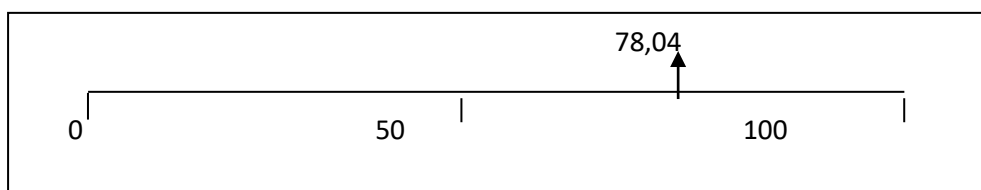

Figure 1: The Mean Position of students' writing procedure text ability at the grade VII of SMP IT Alhijrah Bintuju

From the figure it can be explained that the theoretical value is 0 – 100 where the theoretical average value is 50. It can be concluded that the average value of students' ability to write procedure texts in the post test is greater than the theoretical value.

Furthermore, the distribution of scores for students' procedure text writing abilities at the GradeVII of SMP IT Alhijrah Bintuju can be seen through the struges rules as follows
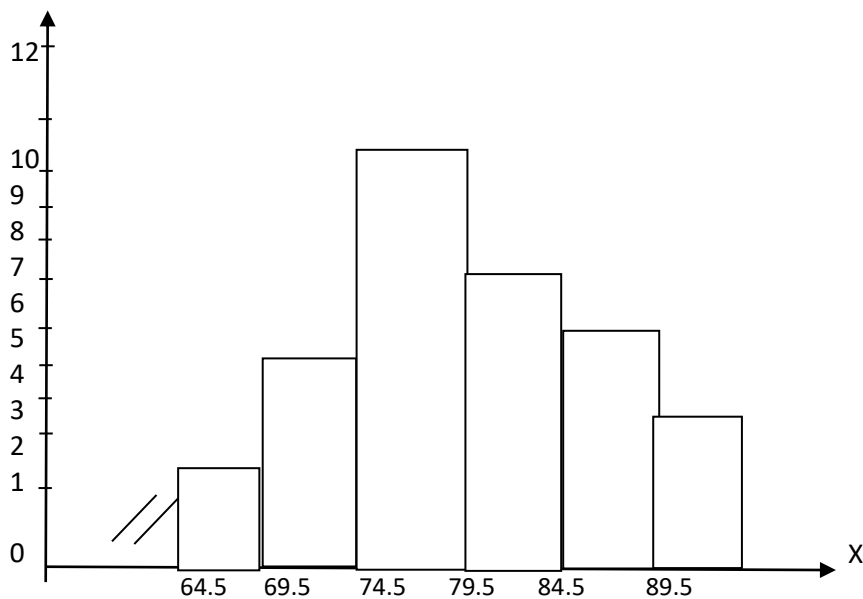
R = 90 – 65 = 25

K = 1 + 3.3 log n

= 1 + 3.3 log 28

= 1 + 3.3 (1.45)

= 1 + 4.78

= 5.78

= 6

i = 25/6

= 4.1

Table 4: Result of Frequency distribution of *Post Test*

No	Interval Class	Freq	Fk_b	Fk_a	Mid	fx
1	65 – 69	2	28	2	67	134
2	70 – 74	4	25	6	72	288
3	75 – 79	8	20	14	75	600
4	80 – 84	6	14	20	82	492
5	85 – 89	5	6	25	87	435
6	90 – 94	3	2	28	92	276
N = 28						**2225**

From this table it can be explained that, the researcher found that the score of students with a score of 90 - 94 was 3 students or 10.71%, students who got a score of 85 - 89 were 5 students or 15.62%, students who got a score of 80 - 84 were 6 students or 21.43%, students who got a score of 75 - 79 were 8 students or 28.57%, students who got a score of 70 - 74 were 4 students or 12.5%, and students who got a score of 65 - 69 were 2 students or 6.25%.

For more details, it can be depicted in the following histogram:

Gambar 2 : Histogram of Students' Writing Procedure text Abilityby Using Distance Learning (*online*) at the Grade VII of SMP IT Alhijrah Bintuju

3. Writing Procedure Text Ability before Using Distance Learning (*Online*)

Research data on writing ability is data obtained from students' results in taking tests on writing procedure texts before teaching using the distance learning model (online). The author collects data about writing procedure texts as an illustration of research data. The description of the data is as follows: the lowest data is 55, the highest data is 80. From the description of the data, the average value is 67.68, the middle or median value is 70.6 and the number that frequently appears or the mode is 72, while the theoretical value is 0 – 100 with an average of 50. From the description of the data it is known that the average value for the ability to write procedure texts is higher than the theoretical average value. If you consult the assessment criteria table, it is in the "Adequate" category. It can be concluded that the students' ability to write procedure texts in Grade VII of SMP IT Alhijrah Bintuju is satisfactory. For clearer data on student acquisition of writing skills, you can see the following table:

Table 5: Data on Students' Ability to Write Procedure Texts Before Using the Distance Learning Model (online) in Grade VII of SMP IT Alhijrah Bintuju

No	Initial Name	Aspect				Score
		1	2	3	4	
1.	AT	10	15	20	10	55
2.	ARH	10	15	20	15	60
3.	AP	10	20	20	20	70
4.	AD	20	20	20	20	80
5.	AI	15	15	20	25	75
6.	DM	15	20	20	15	70
7.	DA	10	15	20	20	65
8.	EH	10	15	20	10	55
9.	EP	10	10	20	15	55
10.	FA	15	15	20	25	75
11.	FT	15	20	20	15	70
12.	IR	10	20	20	15	65
13.	IN	10	20	20	15	65
14.	KN	15	20	20	15	70
15.	LR	15	20	20	15	70
16.	LS	15	20	20	15	70
17.	MS	10	20	20	20	70
18.	NA	10	15	20	15	60
19.	NS	10	20	20	15	65
20.	RA	15	15	20	25	75
21.	RS	15	20	20	20	75
22.	RKS	10	15	20	15	60
23.	RF	15	20	25	20	80
24.	SK	15	15	20	15	65
25.	SW	10	15	20	15	60
26.	SR	15	15	20	25	75

27.	TM	10	20	20	20	70
28.	YP	10	20	20	20	70
Total		**350**	**490**	**565**	**490**	**1895**
Mean		**12,5**	**17,5**	**20,18**	**17,5**	**67.68**

From the table above, students' achievement scores for each indicator can be interpreted as follows:

a. The ability to write procedure texts for students at the Grade VII of SMP IT Alhijrah Bintuju in the text content indicators can be categorized as "Enanought". This was obtained from the total student results of 350 out of 560. So the results of the ability to write procedure texts on the text content indicator were obtained on average 62.5%.

b. The ability to write procedure texts for students at the Grade VII of SMP IT Alhijrah Bintuju on text structure indicators can be categorized as "Very Good". This was obtained from the total student results of 490 out of 560. So the results of the ability to write procedure texts on the text structure indicator were obtained on average 87.5%.

c. The ability to write procedure texts for students at the Grade VII of SMP IT Alhijrah Bintuju in terms of text writing rules can be categorized as "Enough". This was obtained from the total student results of 565 out of 840. So the results of the ability to write procedure texts on the text writing rules indicator obtained an average of 67.26%.

d. The ability to write procedure texts for students at the Grade VII of SMP IT Alhijrah Bintuju according to the linguistic characteristics of the text can be categorized as "Poor". This was obtained from the total student results of 490 out of 840. So the results of the ability to write procedure texts on the linguistic characteristic indicators of the text obtained an average of 58.33%.

To describe the average, median and mode values, see the following explanation:

a. Mean

The mean score is the total number of student scores divided by the number of students. So the mean score describes the student's overall score. The calculation of the average student score regarding the ability to write procedure texts is as follows:

$$M_x = \frac{\sum X}{N} = \frac{1895}{28} = 67,68$$

From the calculations above, it can be seen that the average student score in procedure text writing skills is 78.04. Meanwhile, students' weaknesses are seen in indicators of linguistic characteristics of procedure texts

b. Median

$$\text{Median} = b + p \left(\frac{\frac{1}{2}n - F}{f} \right)$$

$$= 69{,}5 + 5 \left(\frac{14 - 12}{9} \right)$$

$$= 69{,}5 + 5 \left(\frac{2}{9} \right)$$

$$= 69{,}5 + (5 \text{x} 0{,}2)$$

$$= 69{,}5 + 1$$

$$= 70{,}5$$

From the data abobe can be concluded that the median of students ability in writing procedure text is 70,5.

c. Mode

The mode is the number that appears frequently. The mode in the variable ability to write procedure texts is a number that often appears in students' scores regarding their ability to write procedure texts. The data is as follows:

$$\text{Mode} = b + p \left(\frac{d_1}{d_1 + d_2} \right)$$

$$= 69.5 + 5 \left(\frac{4}{4 + 4} \right)$$

$$= 69.5 + 5 \left(\frac{4}{8} \right)$$

$$= 69.5 + 5(0{,}5)$$

$$= 69{,}5 + 2{,}5$$

$$= 72$$

From the data above can be seen that the mode is 72,0.

Following the researcher illustrated table of mean, median and mode score of students' writing procedure text abilityin *pre test*:

Table 6: Mean, Median dan Mode of Writing Procedure text ability in *Pre Test*

No.	Items	Score
1	Mean	67,68
2	Median	70,6
3	Modus	72,0

From the data abobe, it is known that the mean score of students writing procedure text abilityin *pre test* at the grade VII is 67.68, median is 70,6, and mode is 72,0.

From explanation above, it can be drawn the position of means score of students writing procedure text ability in *pre test* as follows:
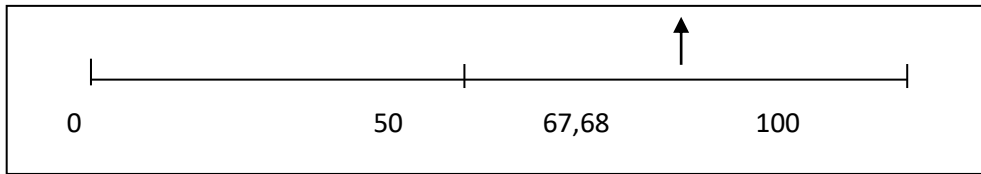

Figure 3: The Position of Means Score of Writing Procedure Text ability in pre test at Grade VII SMP IT Alhijrah Bintuju

From this figure it can be explained that the theoretical value is 0 – 100 where the theoretical average value is 50. It can be concluded that the average value of students' ability to write procedure texts in the pre-test is greater than the theoretical value.

Furthermore, the distribution of scores for students' ability to write procedure texts in the pre-test at the grade VII of SMP IT Alhijrah Bintuju can be seen through the following rules:

$R = 80 – 55 = 25$

$K = 1 + 3.3 \log n$

$\quad = 1 + 3.3 \log 28$

$\quad = 1 + 3.3 (1.45)$

$\quad = 1 + 4.78$

$\quad = 5.78$

$\quad = 6$

$i = 25/6$

$\quad = 4.1$

Table 7: Frequency Distribution of Results of Ability to Write Procedure Texts Before Using the Distance Learning Model (online) at the GradeVII SMP IT Alhijrah Bintuju

No	Interval Class	Freq	Fk_b	Fk_a	Mid	Fx
1	55 – 59	3	28	3	57	171
2	60 – 64	4	26	7	62	248
3	65 – 69	5	21	12	67	335
4	70 – 74	9	12	21	72	648
5	75 – 79	5	7	26	77	375
6	80 – 84	2	3	28	82	164
N = 28						*1941*

From this table it can be explained that, the researcher found that the score of students with a score of 80 - 84 was 2 students or 7.14%, students who got a score of 75 - 79 were 5 students or 17.86%, students who got a score of 70 - 74 were 9 students or 32.14%, students who got a score of 65 - 69 were 5 students or 17.86%, students who got a score of 60 - 64 were 4 students or 14.29%, and students who got a score of 55 - 59 were 3 students or 10.71%

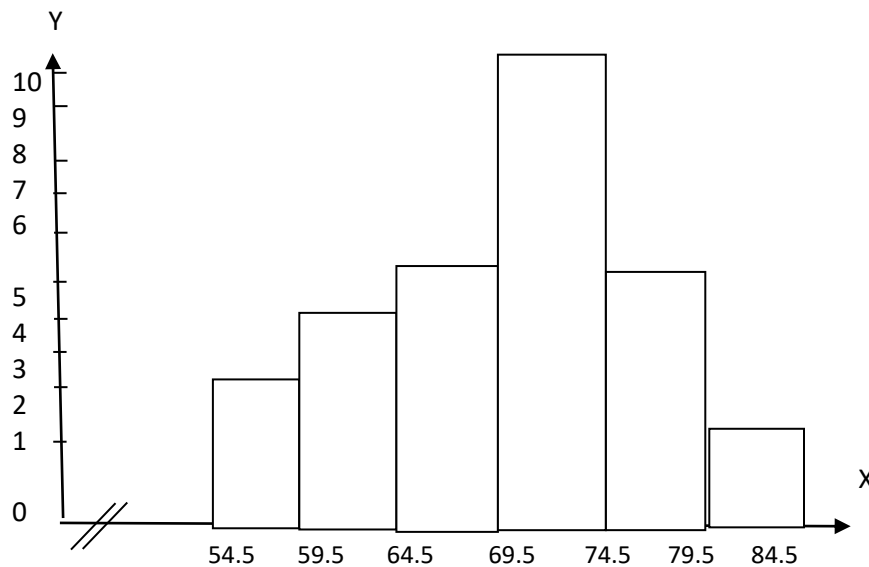In order to brief and clear can be drawn on the following histogram:

Figure 4 : The Histogram of Writing Procedure Text Ability before Using Distance Learning (Online) at the Grade VII of SMP IT Alhijrah Bintuju

4. Hypo

searchers used the "r" Product Moment formula by Pearson. This technique is used to see the relationship between variable x and variable y, where the hypothesis that has been formulated in this research is that there is a significant influence of the use of the distance (online) learning model on the ability to write procedure texts by Class VII students of SMP IT Alhijrah Bintuju:

Tabel 8: Result Data by Using Distance Learning (*Online*) and Before Using Distance Learning (*Online*)

No.	Initial Name	X	Y	X^2	Y^2	XY
1	AT	85	60	7225	3600	5100
2	ARH	70	55	4900	3025	3850
3	AP	65	80	4225	6400	5200
4	AD	70	70	4900	4900	4900
5	AI	75	70	5625	4900	5250
6	DM	80	65	6400	4225	5200

7	DA	80	55	6400	3025	4400
8	EH	65	75	4225	5625	4875
9	EP	90	70	8100	4900	6300
10	FA	85	65	7225	4225	5525
11	FT	90	65	8100	4225	5850
12	IR	70	70	4900	4900	4900
13	IN	85	70	7225	4900	5950
14	KN	75	65	5625	4225	4875
15	LR	75	70	5625	4900	5250
16	LS	80	60	6400	3600	4800
17	MS	75	60	5625	3600	4500
18	NA	85	75	7225	5625	6375
19	NS	80	80	6400	6400	6400
20	RA	80	60	6400	3600	4800
21	RS	75	65	5625	4225	4875
22	RKS	70	75	4900	5625	5250
23	RF	75	70	5625	4900	5250
24	SK	75	70	5625	4900	5250
25	SW	85	75	7225	5625	6375
26	SR	90	70	8100	4900	6200
27	TM	80	75	6400	5625	6000
28	YP	75	55	5625	3025	4125
		2185	**1895**	**171875**	**129625**	**146925**

Ket:

X   : 2185

Y   : 1895

X^2 : 171875

Y^2 : 129625

XY   : 146925

       The data calculation for the ability to write procedure texts can be seen in the following explanation

    Data Analysis in *post test*

   a. Mean *Post test*

$$M_{inq} = \frac{\sum X}{N} = \frac{2185}{28} = 78{,}04$$

   b. Median

$$\text{Median} = b + p\left(\frac{\frac{1}{2}n - F}{f}\right)$$

$$= 74{,}5 + 5\left(\frac{14-14}{8}\right)$$

$$= 74{,}5 + 5\left(\frac{0}{8}\right)$$

$$= 74{,}5 + (5 \times 0)$$

$$= 74{,}5 + 0$$

$$= 74{,}5$$

c. Mode

$$\text{Mode} = b + p \left(\frac{d_1}{d_1 + d_2} \right)$$

$$= 74.5 + 5 \left(\frac{4}{4+2} \right)$$

$$= 74.5 + 5 \left(\frac{4}{6} \right)$$

$$= 74.5 + 5(0{,}67)$$

$$= 74{,}5 + 3{,}35$$

$$= 77{,}85$$

d. Deviation Standard

$$\text{SD}_x = \sqrt{\frac{\sum X}{N}} = \sqrt{\frac{2185}{28}} = \sqrt{78.04} = 8{,}83$$

e. Standard error of X variable

$$\text{SE}_{MX} = \frac{SD_X}{\sqrt{N-1}} = \frac{8.83}{\sqrt{27}} = \frac{8{,}83}{5.2}$$

$$= 1{,}69$$

2. Data Analyisi in *Pre Test*

a. Mean

$$M_y = \frac{\sum y}{N} = \frac{1895}{28} = 67{,}68$$

b. Median

$$\text{Median} = b + p \left(\frac{\frac{1}{2}n - F}{f} \right)$$

$$= 69{,}5 + 5 \left(\frac{14 - 12}{9} \right)$$

$$= 69{,}5 + 5 \left(\frac{2}{9} \right)$$

$$= 69{,}5 + (5 \text{x} 0{,}2)$$

$$= 69{,}5 + 1$$

$$= 70{,}5$$

c. Mode

$$\text{Mode} = b + p \left(\frac{d_1}{d_1 + d_2} \right)$$

$$= 69.5 + 5 \left(\frac{4}{4+4} \right)$$

$$= 69.5 + 5\left(\frac{4}{8}\right)$$

$$= 69.5 + 5(0,5)$$

$$= 69,5 + 2,5$$

$$= 72$$

d. Standard Deviation

$$SD_y = \sqrt{\frac{\sum Xy}{N}} = \sqrt{\frac{1895}{28}} = \sqrt{67,68}$$

$$= 8,23$$

e. Error Standard of y variable

$$SE_{MY} = \frac{SD_{x2}}{\sqrt{N-1}} = \frac{8,23}{\sqrt{27}} = \frac{8,23}{5.6}$$

$$= 1.47$$

3. The Calculation of error standard of x and y variables and the calculation of t_0

a. The calculation of error standard:

$$SE_{M1\text{-}M2} = \sqrt{(SE_{M1})^2 + (SE_{M2})^2}$$

$$= \sqrt{(1.69)^2 + (1.47)^2}$$

$$= \sqrt{2.4 + 2.04}$$

$$= \sqrt{2,9 + 2,2}$$

$$= \sqrt{5,1}$$

$$= 2,26$$

b. The calculation by using statistical formula :

$$(t_0) = \frac{M_1 - M_2}{SE_{M1-M2}}$$

$$= \frac{78,04 - 67,68}{2.26}$$

$$= \frac{10}{2.26}$$

$$= 4,42$$

From the above explanation, the researcher got the value of t_0 = 4,42. The result compare with t_t at the *degree of freedom* (df) 54 or ($N_1 + N_2$ - 2) = 28 + 28 -2 = 54. Score of t_t is 2.00 at 5% significant level. It can be concluded that t_0 is higher than t_t that is = 4,42 > 2.0. it meant that " there is a significant effect of using distance learning model

(online) towards studnets writing procedure text ability at the grade VII SMP IT Alhijrah Bintuju".

CONCLUSION

Based on the results of data calculations, it can be concluded as follows:

1. The results of data calculations illustrate that the average score for the ability to write procedure texts after using the distance learning model (online) was obtained with a score of 78.04, if categorized in the assessment criteria table it was in the "good" category, while the median was obtained at 74.5 and mode 77.85.

2. The results of data calculations illustrate that the average score for the ability to write procedure texts before using the distance (online) learning model was obtained with a score of 67.68, if categorized in the assessment criteria table it was in the "sufficient" category, while the median was 70.5 and the mode was 72.0.

3. The results of hypothesis testing obtained a value of $t_0 = 4.42$. These results are compared with tt at degrees of freedom (df) 54 or $(N_1 + N_2 - 2) = 28 + 28 - 2 = 54$. The tt score is 2.00 at the 5% significance level. It can be concluded that t_0 is greater than tt, namely = $4.42 > 2.0$. Thus it can be said "There is a significant influence of the use of the distance (online) learning model on the ability to write procedure texts by grade VII of SMP IT Alhijrah Bintuju students."

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