

## CHAPTER IV

### FINDINGS AND DISCUSSION

#### A. Findings

Data presentation description about the students' mastery of English vocabulary on Computer instructions at XI TKJ, SMK Muhammadiyah 3 Banjarmasin. This subchapter presents the data that have been collected on the research. The presentation covering primary data about the students' mastery of English Vocabulary on computer instructions.

To know the students' mastery of English vocabulary on computer instructions the writer carried out a written test to class XI TKJ 2 at SMK Muhammadiyah 3 Banjarmasin. They are 35 students. The time provided for answering the question is 90 minutes. The test consist of 100 exercises in question sheet. 60 multiple choice, 20 True/False, and 20 matching test. Every item test is given score 1, if the students can be right all total 100.

#### **1. Description about Students' Mastery of English Vocabulary on Computer Instructions at SMK 3 Muhammadiyah Banjarmasin**

Based on the test about Students' mastery of English vocabulary on computer instructions at class XI TKJ 2, SMK Muhammadiyah 3 Banjarmasin Academic year 2015/2016, it is found that the highest score is 78, the lowest score is 44 and the accumulated score is the whole gotten score is 2307. The result can be seen in the following table :

**Table 4.1 The description about students' mastery of English vocabulary on computer instructions at SMK Muhammadiyah 3 Banjarmasin**

Number of students	A	B	C	Score
S1	33	10	18	61
S2	35	11	15	61
S3	40	13	20	73
S4	37	13	15	65
S5	35	9	15	59
S6	43	5	18	66
S7	38	6	18	62
S8	44	13	20	77
S9	33	15	16	64
S10	44	13	20	77
S11	39	13	13	65
S12	36	7	18	61
S13	36	10	17	63
S14	33	14	13	60
S15	33	11	17	61
S16	39	15	20	74
S17	42	13	20	75
S18	37	11	20	68
S19	45	13	20	78
S20	35	10	17	62
S21	39	9	20	68
S22	43	5	20	68
S23	37	12	16	65
S24	39	12	20	71
S25	33	11	15	59
S26	42	16	20	78
S27	39	8	20	67
S28	42	13	20	75
S29	38	12	16	66
S30	36	11	15	62
S31	25	11	8	44
S32	39	4	20	63
S33	33	10	12	55

S34	35	12	15	62
S35	39	13	20	72
<b>Total</b>				<b>2307</b>
<b>Mean</b>				<b>65.9</b>

Note :

A : Multiple choice

B : True/ false

C : Matching

According to the test result, the categories of students' mastery of English vocabulary at SMK 3 Muhammadiyah Banjarmasin can be seen in the table below :

**Table 4.2 The frequency distribution of students' mastery**

No	Interval	Frequency	Percentage	Category
1	80 – 100	0	0%	Excellent
2	70 - < 80	8	22,8%	Good
3	60 - < 70	23	65,7%	Fair
4	50 - < 60	3	8,5%	Low
5	0 - < 50	1	2,8%	Very Low

From the data above, it can be know that from 35 students who followed the test, there is no students (0%) who get score 80 – 100 (Excellent), 8 students (22,8 %) get score 70 - < 80 (Good category) and 23 students (65,7 %) get score 60 - < 70 (Fair category), 3 students (8,5%)

get score 50 - < 60 (Low)also 1 student (2,8%) who get score 0 - < 50 (Very low category)

To better understand the mean of students' mastery on computer instructions at SMK Muhammadiyah 3 Banjarmasin academic year 2015/2016, the writer uses the mean as follows:

$$M = \frac{\sum X}{N}$$

$$M = \frac{2307}{35}$$

$$M = 65.9$$

Based on the data above, the total score is 2307 of 35 students. The mean score is 65,9 shows the students' mastery of English vocabulary on computer instruction at SMK Muhammadiyah 3 Banjarmasin is categorized into "fair" category.

## **2. Description about which vocabulary of computer instructions are difficult to the students at SMK Muhammadiyah 3 Banjarmasin**

Based on the problem statements, the writer also wants to know which English vocabulary on computer instructions are difficult to the students.

**Table 4.3 List of difficult vocabulary**

No	Number of test	Types of vocabulary	Correct	Incorrect
1	2 (Undo)	Prefix	3	32
2	73 (port series)	Phrase	3	32
3	75 (Cross over cable)	Phrase	2	33

4	76 (straight cable)	Phrase	2	33
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On the table above, the writer presented which vocabulary are difficult. They are undo, port series, crossover cable and straight cable. For question about undo (prefix), there are only 3 students who answered true. Then port series (phrase) only 3 students that correct answer for this question number 73, and 2 students that correct for question number 75 crossover cable (phrase) and 76 straight cable (phrase). To better understand about which vocabulary on computer instructions are difficult can be seen in the next table

1. Undo

Number of items	Alternative Answers	Frequency
2	A. Batas	3
	B. Pinggiran	3
	C. Garis	23
	D. Bingkai	6

For question number 2 from 35 students only 3 students that answer correctly. Most of the students translate “undo” to “*kembali*” because when they click undo on computer, the screen of computer show us it is back to previous action. Besides undo is prefix. Victoria Neufeldt (1991: 371) states prefix is letters which we add to the beginning of a word to make a new word with a different meaning. Prefix can, for example, create a new word opposite in meaning to the word the prefix is attached to. They can also make a word negative or express relation of time, place or

manner. Undo is word do that adding prefix un-. Prefix un- means remove, reverse or not. So, Do is “*lakukan*”, while undo is “*batal lakukan*” not “*kembali*”.

## 2. Port series

Number of items	Alternative Answers	Frequency
73	A. Serial Komunikasi	3
	B. Serial Dokumen	17
	C. Terminal	8
	D. Rangkaian	7

And the next the difficult item is question about phrase, “Port series”. Alice Maclin (2001 : 241) states that a phrases is two or more grammatical words that work together as a unit and or as the same part of speech. According to Longman dictionary (2008: 1185) Phrase is a group of words that are often used together and that have a special meaning. The special meaning of phrase port series is *serial komunikasi*. From 35 students only 3 students answer correctly, and the others 32 students answer incorrectly. Majority of them answer port series is *terminal*.

## 3. Crossover cable

Number of items	Alternative Answers	Frequency
75	A. Kabel yang menghubungkan dua device yang sama	2

	B. Kabel yang menghubungkan dua device yang berbeda	33
	C. Kabel yang menghubungkan USB yang sama	0
	D. Kabel yang menghubungkan USB yang berbeda	0

Question number 75 is about phrase. According to Longman dictionary (2008: 1185) Phrase is a group of words that are often used together and that have a special meaning. the question also difficult for the students, only two students answer correctly that Crossover cable is *Kabel yang menghubungkan dua device yang sama* and the others students answer *Kabel yang menghubungkan dua device yang berbeda*. This question be difficult because the respondent reverse between cross over cable and straight cable.

#### 4. Straight cable

Number of items	Alternative Answers	Frequency
76	A. Kabel yang menghubungkan dua device yang sama	33
	B. Kabel yang menghubungkan dua device yang berbeda	2
	C. Kabel yang menghubungkan USB yang sama	0
	D. Kabel yang menghubungkan USB yang berbeda	0

Number 76 also about phrase. The function of the crossover cable and straight cable is opposite, so the students reverse about the meaning. 33 students answer incorrectly.

### **3. The Description about which vocabulary of computer instructions are easy to the students at SMK 3 Muhammadiyah Banjarmasin**

This subchapter describes about which vocabulary are easy to the students.

**Table 4.4 list of easy vocabulary**

No	Number of items	Types of vocabulary	Correct	Incorrect
1	42 (Server)	Word	35	0
2	45 (Search)	Word	35	0
3	46 (Series)	Word	35	0
4	47 (Envelope)	Word	35	0
5	71 (Layer)	Word	35	0

Based on the table above there are 5 items question that easy to the students. There are question number 42, 45, 46, 47, 71. There is no students that answer incorrect for the 5 items.

#### **Multiple choice**

Layer

Number of items	Alternative Answers	Frequency
71	A. Penutup	0
	B. Lapisan	35
	C. Helaiian	0
	D. Tingkatan	0

Layer is *lapisan* of system interconnection. And all of the students answer the question rightly. Because layer is only one word vocabulary that has certain meaning. And because word layer often uses in computer programm for example Layer of photoshop and OSI (Open system Interconnection), in OSI there are 7 layers, so layer is familiar to them.

### Matching

Number of items	Alternative Answers	Frequency
42. Server	Layanan	35
45. Search	Mencari	35
46. Series	Seri	35
47. Envelope	Amplop	35

For mathcing question, there are 4 questions that easiest for the students, because it is only one word vocabulary and the words have the certain meaning.

### B. Discussion

After finding the data, the researcher discusses all the obtained data to give some considerations on the research. There are three question that will be discussed, The students' mastery of English vocabulary on computer instructions at SMK 3 Muhammadiyah Banjarmasin, which vocabulary are difficult of English vocabulary on computer instructions to the students at SMK 3 Muhammadiyah Banjarmasin and which vocabulary are easy of English vocabulary on computer instructions to the students at SMK 3 Muhammadiyah Banjarmasin.

### **1. The Students' Mastery of English Vocabulary on Computer Instructions at SMK Muhammadiyah 3 Banjarmasin**

From the previous presented data, it shows no students (0%) who get score 80 – 100 (Excellent), 8 students (22,8 %) get score 70 - < 80 (Good category) and 23 students (65,7 %) get score 60 - < 70 (Fair category), 3 students (8,5%) get score 50 - < 60 (Low) also 1 student (2,8%) who get score 0 - < 50 (Very low category)

The total score is 2307 of 35 students with the mean 65.9 that shows the students' mastery of English vocabulary on computer instructions at class XI TKJ 2 SMK Muhammadiyah 3 Banjarmasin is in good category. Based on the result, the mean score the students had is 65.9 belong to fair category.

### **2. Which Vocabulary of Computer Instructions are difficult to The Students at SMK Muhammadiyah 3 Banjarmasin**

Based on the presented data about which vocabulary are difficult of English vocabulary on computer instructions to the students at SMK

Muhammadiyah 3 Banjarmasin, the writer found out out undo, port series, crossover cable and straight cable are difficult vocabulary to the students. It shown based on the students who mostly can not answer the questions of these vocabulary.

Undo is one of difficult vocabulary on computer instruction for students at XI TKJ 2, SMK Muhammadiyah 3 Banjarmasin. Undo is prefix. According to Victoria Neufeldt (1991: 371) Prefix is letters which we add to the beginning of a word to make a new word with a different meaning. Prefix can, for example, create a new word opposite in meaning to the word the prefix is attached to. They can also make a word negative or express relation of time, place or manner. Because undo is prefix that has opposite in meaning from do, it make students lack about the vocabulary. They think undo its just a new word that wen they click undo the computer will action to the previous action.

Port series, crossover cable and straight cable are phrase. Alice Maclin (2001 : 241) states that a phrases is two or more grammatical words that work together as a unit and or as the same part of speech. According to Longman dictionary (2008: 1185) Phrase is a group of words that are often used together and that have a special meaning. Because phrase is group word that has special meaning, it makes students lack about the meaning.

### **3. Which Vocabulary of Computer Instructions are easy to The Students at SMK Muhammadiyah 3 Banjarmasin.**

Based on the presented data on previous sub chapter about which vocabulary are easy of English vocabulary on computer instructions to the students at SMK Muhammadiyah 3 Banjarmasin, the writer found layer, server, search, series and envelope are easy vocabulary to the students. It shown based on students that no one answer incorrectly of these vocabulary.