

## Chapter Four

### Results and Discussion

This chapter reveals the results of the research and discusses the result. In the results, the researcher provides the data from the grammar test. In the discussion, the researcher discussed the results of the research that answered the research question.

#### Results

The answer of the research question was gained from the mean of the students' scores. In the results, the researcher revealed the frequencies, means, and percentage of the correct answer in every question and the category of the test. The details of the result are showed in the following part.

**Students' Total Score Frequencies.** The result shows there were 13 students who got score 45 as the highest frequency and only 2 students who got score 100 which mean the frequency of the students who got 100 was the lowest. To answer the research question of this research, researcher looked the mean of the total score frequencies. It was gain score 63.06, meaning the students' mastery of passive voice was 63.06 (fair level). The summary of the result is presented in Table 6.

Table 6		
<i>The Students' Total Score Frequencies</i>		
Total		
Valid	Score	Frequency
	25	3
	30	4
	35	4
	40	3
	45	13
	50	10
	55	10
	60	9
	65	7
	70	9
	75	8
	80	5
	85	6
	90	8
	95	7
	100	2
	Total	108
Mean of Total Score : 63.06		

Table 6: The Students' Total Score Frequencies

**The mean of students' mean score.** The maximum mean of students' mean score was 5. The result showed that there was a student who got mean scores 1.24. Additionally, there were 13 students who got mean scores 2.25 which mean as the

highest frequency of mean score. However, there are only 2 students who got mean scores 5. The summary of the result is presented in Table 7.

Table 7		
<i>The Students' Mean Score Frequencies</i>		
Mean		
Valid	Score	Frequency
	1,24	1
	1,25	2
	1,5	4
	1,75	4
	2	3
	2,25	13
	2,5	11
	2,75	10
	3	9
	3,25	7
	3,5	8
	3,75	8
	4	5
	4,25	6
	4,5	8
	4,75	7
	5	2
	Total	108

Table 7: The Students' Mean Score Frequencies

From the total of the students' mean score, the mean score of 63.06 (fair) was gained, confirming the calculation of the mean score of students' total score which was 63.06.

**Percentage of the Mastery of each Category of Passive Voice.** After identifying the frequencies and means of test items in each passive and active form, the result also reveals the percentage of the mastery of each category the passive voice test. In order to measure the percentage, the researcher used of the formula below:

$$P = \frac{F}{N} \times 100\%$$

(Bluman, 2004)

P = Percentage

F = Frequency of item

N = Total of item

The research shows the percentage of the correct answers in each category of the test of passive voice mastery that shows there were 19.5% in simple present tense, 22.8% in simple past tense and 17.8% in modal with 'be'. In addition, there where percentages of passive voice 21.5% in modal with 'have been' and 18.4% in active voice. The researcher provided the summary of the result in Table 8.

No.	Category	Total Correct Answer	Percentage
1	Simple Present	265	$\frac{265}{1362} \times 100\% = 19.5\%$
2	Simple Past	310	$\frac{310}{1362} \times 100\% = 22.8\%$
3	Modal with <i>be</i>	243	$\frac{243}{1362} \times 100\% = 17.8\%$
4	Modal with <i>have been</i>	293	$\frac{293}{1362} \times 100\% = 21.5\%$
5	Identifying Active or Passive voice	251	$\frac{251}{1362} \times 100\% = 18.4\%$
Total		1362	100.0%

Table 8: Percentage the Correct Answers Each Category

This result showed that simple past tense has the highest percentage of the correct answer in the test of passive voice and modal with 'be' has the lowest percentage. For more detail information of each category, the researcher provides the following part.

***Simple Present Tense.*** The result showed that the frequency of the students at EED of UMY batch 2014 who answered the question about passive voice in simple present tense form correctly was as follows: 62 students in Q8 and 80 students in Q11. In addition, there were 80 students in Q13 and 43 students in Q15 who answered correctly. The total of the correct answers of passive voice in simple present tense is 265 and the mean score of this form is 66.25. The summary of the result is presented in Table 9.

Table 9				
<i>Total Number of Students' Correct Answer in Simple Present Tense</i>				
Question Number	Category	Correct Answer	Total	Mean
Q8	Simple Present	62	265	$\frac{265}{4} = 66.25$
Q11		80		
Q13		80		
Q15		43		

Table 9: Total Number of Students' Correct Answer in Simple Present Tense

***Simple Past Tense.*** The result showed that the frequency of the students at EED of UMY batch 2014 who answered the question about passive voice in simple past tense form correctly was as follows: 90 students in Q12 and 78 students in Q14. In addition, there were 87 students in Q16 and 55 students in Q19 who answered correctly. The total of the correct answers of passive voice in simple past tense is 310 and the mean of this form is 77.5. The summary of the result is presented in Table 10.

Table 10				
<i>Total Number of Students' Correct Answer in Simple Past Tense</i>				
Question Number	Category	Correct Answer	Total	Average
Q12	Simple Past Tense	90	310	$\frac{310}{4} = 77.5$
Q14		78		
Q16		87		
Q19		55		

Table 10: Total Number of Students' Correct Answer in Simple Past Tense

**Modal with 'be'** The result showed that the frequency of the students at EED of UMY batch 2014 who answered the question about passive voice in modal with 'be' form correctly was as follows: 57 students in Q2 and 75 students in Q4. In addition, there were 30 students in Q16 and 80 students in Q20. The total of the correct answers of passive voice in modal with 'be' is 243 and the mean of this form is 60.75. The summary of the result is presented in Table 11.

Table 11				
<i>Total Number of Students' Correct Answer in Modal with 'be'</i>				
Question Number	Category	Correct Answer	Total	Average
Q2	Modal with <i>be</i>	57	243	$\frac{243}{4} = 60.75$
Q4		76		
Q18		30		
Q20		80		

Table 11: Total Number of Students' Correct Answer in Modal with 'be'

**Modal with 'have been'** The result showed that the frequency of the students at EED of UMY batch 2014 who answered the question about passive voice in modal with 'have been' form correctly was as follows: 86 students in Q1 and 57 students in Q3. In addition, there were 70 students in Q10 and 80 students in Q17 who answered correctly. The total of the correct answers of passive voice in modal with 'have been' is 293 and the mean of this form is 73.25. The summary of the result is presented in Table 12.

Table 12.				
<i>Total Number of Students' Correct Answer in Modal with 'have been'</i>				
Question Number	Category	Correct Answer	Total	Average
Q1	Modal with <i>have been</i>	86	293	$\frac{293}{4} = 73.25$
Q3		57		
Q10		70		
Q17		80		

Table 12: Total Number of Students' Correct Answer in Modal with 'have been'

**Identifying Active or Passive Voice** The result showed that the number of the students at EED of UMY batch 2014 who answered the question about passive voice in modal active voice form correctly was as follows: 57 students in Q5 and 65 students in Q6. In addition, there were 62 students in Q7 and 67 students in Q9 who answered correctly. The total of the correct answers of active voice is 251 and the mean of this form is 62.75. The summary of the result is presented in Table 13.



Table 13				
<i>Total Number of Students' Correct Answer of Identifying Active or Passive Voice</i>				
Question Number	Category	Correct Answer	Total	Average
Q5	Identifying Active or Passive Voice	57	251	$\frac{251}{4} = 62.75$
Q6		65		
Q7		62		
Q9		67		

Table 13: Total Number of Students' Correct Answer of Identifying Active or Passive Voice

### Discussion

The result of the mean score of the students' total score was 63.06. This means that the students' mastery of passive voice was in the category of 'fair' (Purwanto, 2009). The category of 'fair' means that the students' mastery have met the basic mastery of passive voice. The students already have basic understanding of the use of passive voice in which "the subject does or 'acts upon' the verb in such sentences, the sentences are said to be in the active voice" and when "the subject is being 'acted upon' (or is *passive*), such sentences are said to be in the passive voice" (Benner, 2015). They already know the concept of "the object of an active verb becomes the subject of the passive verb. The noun that follows "by" is called the agent. Only transitive verbs are used in the passive", (Azar, 1999: 208). However, as the mastery of passive voice is very important in English usage, the English Education Department students are required to have at least 'good' mastery, instead

of just 'fair' level of mastery. This is because the students are prospective English teachers who should be competent in English.

The result also presents the percentage of the correct answer for each category showing that the category of passive voice in simple past tense was in the highest percentage 22.8% meaning that the students already comprehend this category. This is possibly because passive voice using simple past tense is commonly used (Azar, 1999). On the other hand, passive voice using modal with 'be' category has the lowest percentage. The percentage was 17.8% meaning the students did not comprehend this category. Although Azar (1999) mentioned that passive voice using modal with 'be' category is commonly used, the result of this study showed the students failed to understand this category of passive voice well.

To explain the result regarding the use of passive voice in simple past and modal with 'be' categories mentioned above, in terms of frequency the highest frequency was Q12 that belongs to simple past tense category with 90 students who answered correctly meaning most of the students understand the question. On the other hand, the lowest frequency of the correct answer of this research is Q18 that belongs to modal with 'be' category with only 30 students who answered correctly which mean most of the students did not understand the question. Therefore, the Q12 is the question that students comprehend the most and Q18 is the question that students could not understand the most because only few of them answered the question correctly.