

CHAPTER IV

ANALYSIS AND DISCUSSION

In this chapter, the writer presents data analysis and discussion. The analysis of this study goes to the uncovering of being able or not the eighth-grade students of SMPN 10 Kupang in the school year 2018/2019. They are all explained in detail below.

4.1 Analysis

In the following section, the writer presents the analysis of the gathered data in the form of tables that would be useful for readers in understanding the analysis.

4.1.1 Students Ability Level on Descriptive Text in Multiple Choice Test

In this part, the writer presents the ability level of students in doing multiple choice test. It is done by correcting students' answer sheets, counting the correct answers of each student, giving the score to each student based on the correct answers and classifying scores of each student. The result of the students' ability is put in the following table.

Table 1. The Result of Test (Multiple Choice Test)

Students	Total Test Items	Correct		Incorrect		Grade	Level of Ability
		Freq	%	Freq	%		
1	20	18	90	2	10	9	Very good
2	20	18	90	2	10	9	Very good

3	20	17	85	3	15	8.5	Good
4	20	17	85	3	15	8.5	Good
5	20	16	80	4	20	8	Good
6	20	16	80	4	20	8	Good
7	20	15	75	5	25	7.5	Fairly good
8	20	15	75	5	25	7.5	Fairly good
9	20	15	75	5	25	7.5	Fairly good
10	20	15	75	5	25	7.5	Fairly good
11	20	15	75	5	25	7.5	Fairly good
12	20	14	70	6	30	7	Fairly good
13	20	14	70	6	30	7	Fairly good
14	20	14	70	6	30	7	Fairly good
15	20	14	70	6	30	7	Fairly good
16	20	13	65	7	35	6.5	Average
17	20	13	65	7	35	6.5	Average
18	20	13	65	7	35	6.5	Average
19	20	13	65	7	35	6.5	Average
20	20	12	60	8	40	6	Average
21	20	11	55	9	5.5	5.5	Below Average
22	20	11	55	9	5.5	5.5	Below Average
23	20	11	55	9	5.5	5.5	Below

							Average
24	20	11	55	9	5.5	5.5	Below Average
25	20	11	55	9	5.5	5.5	Below Average
26	20	10	50	10	50	5	Below Average
27	20	10	50	10	50	5	Below Average
28	20	8	40	12	60	4	Poor
29	20	8	40	12	60	4	Poor
30	20	8	40	12	60	4	Poor
Total	600	396	1980	204	1020	198	Fairly Good
Average	20	13.2	66	6.8	34	6.6	

Remarks :

1. Column 1 represents the number of students.
2. Column 2 represents the total items in the test.
3. Column 3 represents the frequency of the correct answer in the test.
4. Column 4 represents the percentage of the correct answer in the test.

The formula is:

$$= \frac{\text{Total correct answers}}{\text{Total test items}} \times 100\%$$

Example

Student 1

$$= \frac{18}{20} \times 100\%$$

$$= 90$$

5. Column 5 represents the frequency of the incorrect answer in the test.

6. Column 6 represents the percentage of the incorrect answer in the test.

The formula is :

$$= \frac{\text{Total number of students incorrectly}}{\text{Total test item}} \times 100\%$$

Example

Student 1

$$= \frac{2}{20} \times 100\%$$

$$= 10$$

7. Column 7 represents an individual grade in the test.

The formula is:

$$= \frac{\text{Total percentage of students correctly}}{10}$$

Example

Student 1

$$= \frac{90}{10}$$

$$= 9$$

8. Column 8 represents the ability level of the students based on the standard of measurement.

9. Column 2 on total row represents the total responses. It was taken from:

$$= \boxed{\text{The total test items by total students}}$$

$$= 20 \times 30$$

$$= 600$$

10. Column 3 on total row represents the total frequency of the correct answer in the test. It is 396.

11. Column 4 on total row represents the total percentage of the correct answer in the test. It is 1980.

12. Column 5 on total row represents the total frequency of incorrect answer in the test. It is 204.

13. Column 6 on total row represents the total percentage of the incorrect answer in the test. It is 1020.

14. Column 7 on total row represents the grade in the test. It is 198

15. Column 2 on average row represents the total test item. It was taken from:

$$= \frac{\text{Total item in the test}}{\text{Total students}}$$

$$= \frac{600}{30}$$

$$= 20$$

16. Column 3 on average row represents the total frequency of correct answer in average in the test. It was taken from:

$$= \frac{\text{Total frequency of correct answer in the test}}{\text{Total students}}$$

$$= \frac{396}{30}$$

$$= 13.2$$

17. Column 4 on average row represents the total percentage of the correct answer in average the test. It was taken from:

$$= \frac{\text{Total percentage of correct answer in the test}}{\text{Total students}}$$

$$= \frac{1980}{30}$$

$$= 66$$

18. Column 5 on average row represents the total frequency of incorrect answer in average the test. It was taken from:

$$= \frac{\text{Total frequency of incorrect answer in the test}}{\text{Total students}}$$

$$= \frac{204}{30}$$

$$= 6.8$$

19. Column 6 in the average row represents the total percentage of the incorrect answer in average the test. It was taken from:

$$= \frac{\text{Total percentage of incorrect answer in the test}}{\text{Total students}}$$

$$= \frac{1020}{30}$$

$$= 34$$

20. Column 7 in the average row represents the individual grade on average the test. It was taken from:

$$= \frac{\text{Total grade in the test}}{\text{Total students}}$$

$$= \frac{198}{30}$$

$$= 6.6$$

21. Column 8 in the average row represents student's level ability as a class is classified as "**Fairly Good**"

4.1.2 Distribution of Students' Ability Level

In this part, the writer presents the distribution of students level ability.

Table 2. The Distribution of Students' Ability Level

No	Standard of measurement	Total Students	Percentage	Level of ability
1	9.6-10	0	0	Excellent
2	8.6-9.5	2	6.7	Very Good
3	7.6-8.5	4	13.33	Good
4	6.6-7.5	9	30	Fairly Good
5	5.6-6.5	5	16.67	Average
6	4.6-5.5	7	23.33	Below Average
7	3.6-4.5	3	10	Poor
8	2.6-3.5	0	0	Very Poor

9	1.6-2.5	0	0	Bad
10	0.6-1.5	0	0	Very Bad
TOTAL		30	100%	

4.2 Discussion

From table 1, it can be seen that in answering the test, 2 students got grade 9, 2 students got grade 8.5, 2 students got grade 8, 5 students got grade 7.5, 4 students got grade 7, 4 students got grade 6.5, 1 student got grade 6, 5 students got grade 5.5, 2 students got grade 5, and 3 students got grade 4.

From table 2, it can be seen from 30 students, 2 students (6.67%) have very good ability level, 4 students (13.33%) have good ability level, 9 students (30%) have a fairly good ability level, 5 students (16.67%) have average ability level, 7 students (23.33%) have below average ability level, and 3 students (10%) have poor ability level in comprehending reading text.