

CHAPTER IV

DATA ANALYSIS AND DISCUSSION

In this chapter the writer would like to present the findings and discussion in order to know the student's ability level of reading comprehension.

These data were obtained from the eighth grade students of SMPN 5 Kupang in the school year 2018/2019. The test was conducted on 7th May 2019. The writer chose class B consisting of 22 students who joined the test. The type of the test used in this study was multiple choice. The total number of the test was 20. The time allocation was 60 minutes.

4.1 Data Analysis

As it was mentioned before that this study was conducted in order to know whether the eighth grade students of SMPN 5 Kupang are able to understand what they read and what is their level of ability in reading comprehension.

➤ The analysis of multiple choices test

Student 1

From 20 multiple choice items student 1 answer 18 items correctly and 2 items incorrectly. The student incorrect answers were items number 1, 8.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Talkien**.

For item number 8 the student answer was **thorin and ancestors**, while the correct answer was **thorin**.

Student 2

From 20 multiple choice student 2 answer 18 items correctly and 2 items incorrectly. The student incorrect answers were items number, 1, 8.

For item number 1 the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For item number 8, the student answer was **thorin and ancestors**, while the correct answer was **thorin**.

Student 3

From 20 multiple choice student 3 answer 17 items correctly and 3 items incorrectly.

The student's incorrect answers were items number 2, 12, and 19.

For item number 2, the student answer was **the hobbit actors**, while the correct answer was the **hobbit films**.

For item number 12 the student answer was **narrative**, while the correct answer was **descripton**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 4

From 20 multiple choice student 4 answer 15 items correctly and 5 items incorrectly.

The student incorrect answer was items 4, 9, 13, 19, 20.

For item number 4, the student answer was **1134**, while the correct answer was **1090**.

For item number 9, the student answer was **1.000**, while the correct answer was **100.000**.

For item number 13, the student answer was **to retell the bridge national park**, while the correct answer **to describe the bridge national park** .

For item number 19, the student answer was **peter**, while the correct answer was **Barack Obama**.

For item number 20, the student answer was **straight**, while the correct answer was **flat**.

Student 5

From 20 multiple choice student 5 answer 13 items correctly and 7 items incorrectly.

The student incorrect answers were items number 1, 3, 5, 7, 15, 16, and 17.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For item number 3, the student answer was **imagined**, while the correct answer was **true**.

For item number 5, the student answer was **to accompany dwarves and smaug to the lonely mountain**, while the correct answer was **to join the dwarves journey**.

For item number 7, the student answer was **kindness**, while the correct answer was **revenge**

For item number 15, the student answer was **a common glow worm**, while the correct answer was **the unique feature of the glow worms**.

For item number 16, the student answer was **dry** while the correct answer **succulent**

For item number 17, the student answer was **small rocky Islands**, while the correct answer was **long beautiful beach**.

Student 6

From 20 multiple choice student 6 answer 13 items correctly and 7 item incorrectly.

The student incorrect answer was items number 1, 5, 6, 8, 9, 13, and 16.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For item number 5, the student answer was **to accompany dwarves and smaug to the lonely mountain**, while the correct answer was **to join the dwarves journey**.

For item number 6, the student answer was **Martin Freeman**, while the correct answer was **Richard Armitage**.

For item number 8, the student answer was **bolg** while the correct answer was **thorin**.

For item number 9, the student answer was **1.000**, while the correct answer was **100.000**.

For item number 13, the student answer was **to present two points of views about natural text**, while the correct answer was **to describe the bridge national park**,

For item number 16 the student answer was **dense**, while the correct answer was **succulent**.

Student 7

From 20 multiple choice student 7 answer 14 items correctly and 6 items incorrectly.

The student incorrect answers were items number 1, 3, 5, 8, 10, 13.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For items number 3, the student answer was **fabricated**, while the correct answer was **true**.

For item number 5, the student answer was **to accompany dwarves and smaug to the lonely mountain**, while the correct answer was **to join the dwarves journey**.

For item number 8, the student answer was **thorin and ancestors**, while the correct answer was **thorin**.

For item number 10, the student answer was **The Hobbit movies consists of three epic adventurous film that were released on different years**, while the correct answer was **The premiers of the Hobbit movies were held in the different places of the same country**.

For item number 13, the student answer was **to present two points of views about natural text**, while the correct answer was **to describe the national bridge park**.

Student 8

From 20 multiple choice student 8 answer 14 items correctly and 6 items incorrectly.

The student's incorrect answer was items 1, 3, 10, 13, 16, 17.

For item number 1, the student answer was **J. R. R Jackson**, while the correct answer was **J. R.R Tolkien**.

For item number 3, the student answer was **Fabricated**, while the correct answer was **True**.

For item number 10, the student answer was **The Hobbit movies consists of three epic adventurous film that were released on different years**, while the correct answer was **The premiers of the Hobbit movies were held in the different places of the same country**.

For item number 13, the student answer was **To present two points of views about natural text**, while the correct answer was **To describe the national bridge park**.

For item number 16, the student answer was **Dense**, while the correct answer was **Succulent**.

For item number 17, the student answer was **Small rocky Islands**, while the correct answer was **long beautiful beach**.

Student 9

From 20 multiple choice student 9 answer 16 items correctly and 4 items incorrectly, the students incorrect answers were items number 3, 6, 17, 19.

For item number 3, the student answer was **imagined**, while the correct answer was **true**.

For item number 6, the student answer was **Ian McKellen**, while the correct answer was **Richard Armitage**.

For item number 17, the student answer was **Huge waves of ocean**, while the correct answer was **Long beautiful beach**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 10

From 20 multiple choice student 10 answer 12 item correctly and 8 items incorrectly, the students incorrect answer were items number 4, 5, 9, 14, 15, 16, 17, 19.

For item number 4, the student answer was 1100, while the correct answer was **1090**.

For item number 5, the student answer was **to accompany him to meet smaug**, while the correct answer was **to join the dwarves journey**.

For item number 9, the student answer was **10.000**, while the correct answer was **100.000**.

For item number 14, the student answer was **110 kilometers from Pacific Highway**, while the correct answer Was **110 kilometers from South of Brisbane**.

For item number 15 the student answer was **a common glow worm**, while the correct answer was **the unique feature of the glow worms**.

For item number 16 the student answer was **Dense**, while the correct answer was **Succulent**.

For item number 17, the student answer was **Small rocky Islands**, while the correct answer was **long beautiful beach**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 11

From 20 multiple choice student 11 answer 17 item correctly and 3 items incorrectly.

The student's incorrect answers were items number 2, 9, 19.

For item number 2, the student answer was **The Hobbit actors**, while the correct answer was **The Hobbit films**.

For item number 9, the student answer was **10.000**, while the correct answer was **100.000**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 12

From 20 multiple choice student 12 answer 14 items correctly and 6 items incorrectly. The student's incorrect answers were item number 5, 6, 9,14,15,19.

For item number 5, the student answer was **To accompany dwarves and smaug to the lonely mountain**, while the correct answer was **To join the dwarves journey**.

For item number 6, the student answer was **Martin Freeman**, while the correct answer was **Richard Armitage**.

For item number 9, the student answer was **The first series of the Hobbit wasn't premiered in Europe**, while the correct answer was **The Hobbit movies consists of three epic adventurous film that were released on different years**.

For item number 14, the student answer was **110 kilometers from Lamington National Park**, while the correct answer was **110 kilometers from South of Brisbane**.

For item number 15, the student answer **a great dark cave**, while the correct answer was **the unique feature of the glow worms**.

For item number 19, the student answer was **my best friend**, while the correct answer was **Barack Obama**.

Students 13

From 20 multiple choice student 13 answer 17 items correctly and 3 items incorrectly. The students incorrect answer were items number 6, 18, 19.

For item number 6, the student answer was **Martin Freeman**, while the correct answer was **Richard Armitage**.

For items number 18, the student answer was **huge waves frighten many overseas cruises**, while the correct answer was **there are three rocky islands in Bale Kambang**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 14

From 20 multiple choice student 14 answer 14 items correctly and 6 items incorrectly.

The students incorrect answer were items number 2, 6,8, 9, 16, 19.

For item number 2, the student answer was **The Hobbit books**, while the correct answer was **The Hobbit films**.

For items number 6, the student answer was Martin **Freeman**, while the correct answer was **Richard Armitage**.

For item number 8, the student answer was **Thorin and ancestors**, while the correct answer was **Thorin**.

For item number 9, the student answer was **1. 000.000**, while the correct answer was **100.000**.

For item number 16, the student answer was **Dense**, while the correct answer was **Succulent**.

For item number 19, the student answer was Peter, while the correct answer was **Barack Obama**.

Student 15

From 20 multiple choice student 15 answer 16 items correctly and 4 items incorrectly.

The students incorrectly answer were item number 1, 8, 18, 19

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R.R Tolkien**.

For items number 8, the student answer was **Thorin and ancestors**, while the correct answer was **Thorin**.

For item number 18, the student answer was **Michael Joseph Jackson Huge waves frighten many overseas cruises**, while the correct answer was **there are three rocky islands in Bale Kambang**.

For item number 19, the student answer was **My best friend**, while the correct answer was **Barack Obama**.

Student 16

From 20 multiple choice student 16 answer 13 items correctly and 7 items incorrectly.

The students incorrect answers were items number 1, 3,4,7,8,9,15.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R.R Tolkien**.

For items number 3, the student answer was **imagined**, while the correct answer was **True**.

For item number 4, the student answer was **1134**, while the correct answer was **1090**.

For item number 7, the student answer was **anger**, while the correct answer was **revenge**.

For item number 8, the student answer was **Bolg**, while the correct answer was **Thorin**.

For item number 9, the student answer was **1.000**, while the correct answer was **100.000**.

For item number 15, the student answer **a common glow worm**, while the correct answer was **the unique feature of the glow worms**.

Student 17

From 20 multiple choice students 17 answer 16 items correctly and 4 items incorrectly. The students incorrect answer were items number 5, 9, 17, 19.

For item number 5, the student answer was **to take care of the dwarves**, while the correct answer was **to join the dwarves journey**.

For item number 9, the student answer was **10.000**, while the correct answer was **100.000**.

For items number 17, the student answer was **huge waves of ocean**, while the correct answer was **long beautiful beach**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Students 18

From 20 multiple choice student 18 answer 18 items correctly and 2 items incorrectly.

The students incorrectly answer were items number 8, 19.

For items number 8, the student answer was **Bolg**, while the correct answer was **Thorin**

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 19

From 20 multiple choice student 19 answer 18 items correctly and 2 items incorrectly.

The students answer were items number 8, 19.

For item number 8, the student answer was **Azoh**, while the correct answer was **Thorin**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Students 20

From 20 multiple choice student 20 answer 16 items correctly and 4 items incorrectly. The student incorrect answer was items number 1, 8, 12, 13.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R.R Tolkien**.

For item number 8, the student answer was **Thorin and ancestors**, while the correct answer was **Thorin**

For item number 12, the student answer was **Narrative**, while the correct answer was **Description**.

For item number 13, the student answer was **to present two points of views about natural text**, while the correct answer was **to describe the national bridge park**.

Student 21

From 20 multiple choice student 21 answer 13 items correctly and 7 items incorrectly.

The student answers were items number 1,2,8,9,10,13,19.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For item number 2, the student answer was **Adventure series films**, while the correct answer was **The Hobbit films**.

For item number 8, the student answer was **Thorin and ancestors and ancestors**, while the correct answer was **Thorin**.

For item number 9, the student answer was **1. 000.000**, while the correct answer was **100.000**.

For item number 10, the student answer was **The Hobbit movies consists of three epic adventurous film that were released on different years**, while the correct answer was **The premiers of the Hobbit movies were held in the different places of the same country**.

For item number 13, the student answer was **To explain the national bridge park**, while the correct answer was **To describe the national bridge park**.

For item number 19, the student answer was **President of United States of America**, while the correct answer was **Barack Obama**.

Student 22

From 20 multiple choice student 22 answer 12 items correctly and 8 item incorrectly.

The student answers were items number 1, 2,3,5,7,14,16,17.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R.R Tolkien**.

For item number 2, the student answer was **The Hobbit actors**, while the correct answer was **The Hobbit films**.

For item number 3, the student answer was **imagined**, while the correct answer was **true**.

For item number 5, the student answer was **To accompany dwarves and smaug to the lonely mountain**, while the correct answer was **To join the dwarves journey**.

For item number 7, the student answer was **Kindness**, while the correct answer was **revenge**.

For item number 14, the student answer was **110 kilometers from Pacific Highway**, while the correct answer was **110 kilometers from South of Brisbane**.

For item number 16, the student answer was **Dry**, while the correct answer was **Succulent**.

For item number 17, the student answer was **Small rocky Islands**, while the correct answer was **long beautiful beach**.

To have a figure of student's ability level on reading comprehension, the writer presents two tables.

The table below is presented to show her students ability level in multiple choices. The analysis is based on the data obtained from the result of the test done by the seventh grade students of SMP Negeri 5 Kupang.

Table 1

Students answer of whole test

Students	Total Test Item	Correct answer		Incorrect answer		Grade	Ability Level
		Frequency	%	Frequenc y	%		
A	B	C	D	E	F	G	H
1	20	18	90	2	10	9.0	Very Good
2	20	18	90	2	10	9.0	Very Good
3	20	17	85	3	15	8.5	Good
4	20	15	75	5	25	7.5	Fairly good
5	20	13	65	7	35	6.5	Average
6	20	13	65	7	35	6.5	Average
7	20	14	70	6	30	7.0	Fairly good
8	20	14	70	6	30	7.0	Fairly good
9	20	16	80	4	20	8.0	Good
10	20	12	60	8	40	6.0	Average
11	20	17	85	3	15	8.5	Good
12	20	14	70	6	30	7.0	Fairly good
13	20	17	85	3	15	8.5	Good
14	20	14	70	6	30	7.0	Fairly good

15	20	16	80	4	20	8.0	Good
16	20	13	65	7	35	6.5	Average
17	20	16	80	4	20	8.0	Good
18	20	18	90	2	10	9.0	Very good
19	20	18	90	2	10	9.0	Very good
20	20	16	80	4	20	8.0	Good
21	20	13	65	7	35	6.5	Average
22	20	12	60	8	40	6.0	Average
TOTAL	440	334	1670	106	530	167	
AVERAGE	20	15.18	75.90	4.81	24.09	75.90	Fairly good

1. Column A

Column A presents the number of students

2. Column B

Column B presents the total number of test items

3. Column C

Column C presents the student's correct answers

4. Column D

Column D presents percentage of students' answer

The formula that was used is below:

$$\frac{\text{Total students correct answer}}{\text{Total test item}} \times 100$$

$$\begin{aligned} \text{Example : } & \frac{18}{20} \times 100 \\ & = 90\% \end{aligned}$$

5. Column E presents individual grade

The grades taken from the number of percentage, divided by 10

$$\frac{\text{Number of percentage}}{10}$$

$$\begin{aligned} \text{Example : student number 1} \\ & = \frac{90}{10} \end{aligned}$$

$$= 9.0$$

6. Column F

Column F presents the level of ability of each students based on the standard of measurement used in SMPN 5 Kupang

7. Column B on total row

Column B on the total row presents the number of total responses, it is taken from:

The total test item X total students

$$= 20 \times 22$$

$$= 440$$

8. Column C on total row

Column C on total row presents the total correct answer of all the students that is: 334

9. Column D on total row

Column D on total row presents the total number of presntage of student's correct answers that: 1670

10. Column E on the total row

Column E on the total row presents the number of student's grades, the formula is:

The total number of the students correctly in percentage

$$10$$

$$= \frac{1670}{10}$$

$$10$$

$$= 167$$

11. Column B on average row presents the total of student's responses in average. It is divided from:

Total respoponses

Total students

$$= \frac{440}{2.64}$$

$$22$$

$$= 20$$

12. Column C on average row

Column C on average row presents the number of student's correct answers in average. It is taken from:

$$\frac{\text{Total number of students' correct answer}}{\text{Total students}}$$

$$= \frac{334}{22}$$

$$= 15.18$$

13. Column D on average row

Column D on average row presents the students' correct answers in average on row of percentage. It is taken from:

$$\frac{\text{The total percentage of students' correct answer}}{\text{Total students}}$$

$$= \frac{1670}{22}$$

$$= 75.90$$

14. Column E on average

Column E on average row presents the students' answering correctly in average grades.

It is derived from:

$$\frac{\text{The studentd correctly}}{10}$$

Or we can also use another formula that is:

$$\frac{\text{Total grades}}{\text{Total studets}}$$

$$= \frac{167}{22}$$

$$= 75.90$$

It means that the ability level of the students is grades 75.90

Column E on average row represents the students' ability level as a class which is classified as fairly Good (6.6-7.5) based on standar of measurement that is used in SMPN 5 Kupang.

Table 2

Distribution of students' level ability on reading comprehension

No	Range measurement	Students	Percentage	Ability level
A	B	C	D	E
1	9.6-10	0	0	Excellent
2	8.6-9.5	4	22	Very Good
3	7.6-8.5	7	28	Good
4	6.6-7.5	5	14	Fairly Good
5	5.6-6.5	6	32	Average
6	4.6-5.5	0	0	Below Averagr
7	3.6-4.5	0	0	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		22	100%	

Based on the table six it is seen that there is no students (0%) whole ability level is excellent, below average, poor, very poor, bad, and very bad, but there are 4 students (19%) who are in very good level, 7 students (31%) who are in good level, 5 students (22%) who are in fairly good level, and 6 students (28%) who are in average level. It is also proved that the class' level of ability for this test is "Fairly Good".

4.2 Discussion

In this part the writer presents the discussion of the student's answers on multiple choice test from the texts. To analyze the students ability in comprehend reading text by answering the multiple choice test, the writer chooses 5 answer sheets that

represent the whole students answer of the multiple choice test. They are students 1, 2, 3, 4, and 5.

Student 1

From 20 multiple choice items student 1 answer 18 items correctly and 2 items incorrectly.

The student incorrect answers were items number 1, 8.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Talkien**.

For item number 8 the student answer was **thorin and ancestors**, while the correct answer was **thorin**.

Student 2

From 20 multiple choice student 2 answer 18 items correctly and 2 items incorrectly.

The student incorrect answers were items number, 1, 8.

For item number 1 the student answer was **Jackson**, while the correct answer was **J. R. R Talkien**.

For item number 8, the student answer was **thorin and ancestors**, while the correct answer was **thorin**.

Student 3

From 20 multiple choice student 3 answer 17 items correctly and 3 items incorrectly.

The student's incorrect answers were items number 2, 12, and 19.

For item number 2, the student answer was **the hobbit actors**, while the correct answer was **the hobbit films**.

For item number 12 the student answer was **narrative**, while the correct answer was **descripton**.

For item number 19, the student answer was **Peter**, while the correct answer was **Barack Obama**.

Student 4

From 20 multiple choice student 4 answer 15 items correctly and 5 items incorrectly.

The student incorrect answer was items 4, 9, 13, 19, 20.

For item number 4, the student answer was **1134**, while the correct answer was **1090**.

For item number 9, the student answer was **1.000**, while the correct answer was **100.000**.

For item number 13, the student answer was **to retell the bridge national park**, while the correct answer **to describe the bridge national park**.

For item number 19, the student answer was **peter**, while the correct answer was **Barack Obama**.

For item number 20, the student answer was **straight**, while the correct answer was **flat**.

Student 5

From 20 multiple choice student 5 answer 13 items correctly and 7 items incorrectly.

The student incorrect answers were items number 1, 3, 5, 7, 15, 16, and 17.

For item number 1, the student answer was **Jackson**, while the correct answer was **J. R. R Tolkien**.

For item number 3, the student answer was **imagined**, while the correct answer was **true**.

For item number 5, the student answer was **to accompany dwarves and smaug to the lonely mountain**, while the correct answer was **to join the dwarves journey**.

For item number 7, the student answer was **kindness**, while the correct answer was **revenge**.

For item number 15, the student answer was **a common glow worm**, while the correct answer was **the unique feature of the glow worms**.

For item number 16, the student answer was **dry** while the correct answer **succulent**.

For item number 17, the student answer was **small rocky Islands**, while the correct answer was **long beautiful beach**.