## CHAPTER IV

## REPORT OF RESEARCH RESULT

## A. Description of the Research Location

1. Brief History about English Department of Tarbiyah faculty of IAIN Antasari Banjarmasin.

Based on Buku Kenang- kenangan 30 tahun Fakultas IAIN Antasari Banjarmasin, English Department was found in 1984, the first head Drs. H. Abdul Kadir Munsyi,MA, There has six heads of English Department since 1984 until now. The description head of English Departments can be seen in the following table:

Table 4.1 The Description Head of English Departments

| No | Name | Period |
| :--- | :--- | :--- |
| 1 | Drs. H. Abdul Kadir Munsyi, MA. | $1984-1988$ |
| 2 | Drs. Syaifuddin Syukur, MA. | $1988-1989$ |
| 3 | Drs. H. Ahdi Makmur, MAg. | $1997-2005$ |
| 4 | Drs. H. Isa Ansari, MA (ALM) | $2005-2006$ |
| 5 | Drs. Anang Syaifuddin, MA. | January 2007 - September 2007 |
| 6 | Dra. Nida Mufidah, MPd. | 2007 - Until now |

The main this purpose of this Department is to participate in developing this country especially in educational world it is based on the facts, that is still found many Islamic School without English Teacher who has educational background of English. This Tarbiyah Faculty: in this case English Department has a responsibility to provide English teachers.

Curriculum that is used in this Department contain 160 sks, that covers Institute subjects, Faculty subjects and major subjects. It takes about four years in finishing the study.

English Department has 19 lecturers from many different educational backgrounds and universities. There is the data about lecturers of English Department.
2. Description about lecturers and students condition

There are 18 lecturer from different educational backgrounds and 353 students of English Department of Tarbiyah faculty of IAIN Antasari Banjarmasin in academic year 2007/2008. The description of lecturers and students can seen in the following table:

Table 4.2 The Description of Lecturer of English Department of Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| No | Name | Graduated | Year |
| :---: | :--- | :--- | :--- |
| 1 | Drs. H. Ahdi Makmur, MAg. | S2 IAIN SYAHID Jakarta | 2000 |
| 2 | Drs. H. Syarifuddin Syukur, MA. | S2 Pakistan 1980/ 1981, S2 <br> SUKA Yogya | 1992 |
| 3 | Dr. H. Husnul Yaqin, M.Ed. | S3 SYAHID | 2008 |


| 4 | Drs. Anang Syaifuddin, MA. | S2 The University of Colorado Boulder, America | 1993 |
| :---: | :---: | :---: | :---: |
| 5 | Drs. Saadilah | S1 IAIN Antasari <br> Banjarmasin | 1989 |
| 6 | Drs. Syaiful Bahri Djamarah, MAg. | S2 IAIN Antasari <br> Banjarmasin | 2003 |
| 7 | Dra. Dina Hermina, MPd. | S2 IKIP Yogyakarta | 2002 |
| 8 | Dra. Nida Mufidah, MPd. | S2 FKIP Unlam Banjarmasin | 2005 |
| 9 | Dra.Hj. Wardah Hayati, MA. | S2 Australia | 2005 |
| 10 | Nurlaila Kadariah, S. Ag. | S1 IAIN Antasari <br> Banjarmasin | 1994 |
| 11 | M. Nur Effendi, S.Ag. MPd. | S2 IAIN antasari Banjarmasin | 2008 |
| 12 | Dra. Andi Irlina, M. Hum. | S2 UNHAS Ujung Pandang | 2002 |
| 13 | Nani Hijriani, SPd. | S2 University of Canberva Australia | 2008 |
| 14 | Rusnadi, S.Pd. I. | S1 IAIN Antasari <br> Banjaramasin | 2002 |
| 15 | Ridha Fadillah, S. Pd, M. Ed. | S2 Universitas Malaysia Utara | 2008 |
| 16 | Rahmila Murtiana, SS. | S1 Univ <br> DiponegoroSemarang | 1995 |
| 17 | Raida Asfihana, Spd. | S1 FKIP Unlam Banjarmasin | 2004 |
| 18 | Puji Sri Rahayu, MA. | S2 University of Queensland Australia | 2007 |
| 19 | Nor Maulidiyah, MA. | S2 Malaysia University | 2007 |

There are one Staff English Department of Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008 is Saidil Imani, Spd.I. He is Graduated from S1 IAIN Antasari Banjarmasin 2007

Table 4.3 The Number of Students of English Department of Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| No | Generation | Sex |  | Total |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Male | Female |  |
| 1 | $1999 / 2000$ | 2 | 0 | 9 |
| 2 | $2000 / 2001$ | 6 | 3 | 9 |
| 3 | $2001 / 2002$ | 8 | 1 | 34 |
| 4 | $2002 / 2003$ | 13 | 21 | 65 |
| 5 | $2003 / 2004$ | 13 | 52 | 44 |
| 6 | $2004 / 2005$ | 17 | 27 | 59 |
| 7 | $2005 / 2006$ | 17 | 42 | 67 |
| 8 | $2006 / 2007$ | 19 | 27 | 37 |
| 9 | $2007 / 2008$ | 20 | 45 | 64 |
| 10 | $2008 / 2009$ | 142 | 276 | 418 |
|  | Total |  |  | 65 |

## 3. Description of Facilitates English Department

Table 4.4 The Number of Facilities of English Department of Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| No | Facilities | Number | Condition |
| :---: | :---: | :---: | :---: |
| 1 | Office | 1 | Good |
| 2 | Computer | 1 | Good |
| 3 | Laptop | 2 | Good |
| 4 | Language laboratory | 1 | Good |
| 5 | Class room | 5 | Good |
| 6 | Library | 1 | Good |
| 7 | Tape recorder | 1 | Good |
| 8 | Overhead projector | 1 | Good |

## B. Result of Research and Solution

All items of final test Structures D in the fifth semester of English Department Tarbiyah faculty academic year 2007 / 2008 are 50 items, it's consisted of 20 truefalse items, 20 multiple choice items, and 10 error recognition items.

All of these items are analyzed and after that the result shall be as follows:

1. Validity

To determine validity of every items level, it's used formula of product moment correlation with harsh number. There is an example of validity calculating for the item number

Tables 4.5 The Validity of item test Structure D fifth Semester of English Department Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| Students <br> Number | X | Y | XY | X1 | Y1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1 | 35 | 35 | 1 | 1225 |
| 2 | 0 | 37 | 0 | 0 | 1369 |
| 3 | 0 | 32 | 0 | 0 | 1024 |
| 4 | 0 | 26 | 0 | 0 | 676 |
| 5 | 0 | 41 | 0 | 0 | 1681 |
| 6 | 0 | 31 | 0 | 0 | 961 |
| 7 | 0 | 31 | 0 | 0 | 961 |
| 8 | 1 | 19 | 19 | 1 | 361 |
| 9 | 1 | 37 | 37 | 1 | 1369 |
| 10 | 0 | 32 | 0 | 0 | 1024 |
| 11 | 0 | 42 | 0 | 0 | 1764 |
| 12 | 1 | 15 | 15 | 1 | 225 |
| 13 | 1 | 42 | 42 | 1 | 1764 |
| 14 | 1 | 25 | 25 | 1 | 625 |
| 15 | 1 | 23 | 23 | 1 | 529 |
| 16 | 1 | 13 | 13 | 1 | 169 |
| 17 | 0 | 24 | 0 | 0 | 576 |
| 18 | 0 | 29 | 0 | 0 | 841 |
| 19 | 0 | 30 | 0 | 0 | 900 |
| 20 | 1 | 31 | 31 | 1 | 961 |
| 21 | 0 | 27 | 0 | 0 | 729 |
| 22 | 1 | 28 | 28 | 1 | 784 |
| 23 | 0 | 24 | 0 | 0 | 576 |
| 24 | 1 | 34 | 34 | 1 | 1156 |


| 25 | 1 | 39 | 39 | 1 | 1521 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 0 | 33 | 0 | 0 | 1089 |
| 27 | 1 | 41 | 41 | 1 | 1681 |
| 28 | 1 | 33 | 33 | 1 | 1089 |
| 29 | 1 | 32 | 32 | 1 | 1024 |
| 30 | 0 | 28 | 0 | 0 | 784 |
| 31 | 1 | 29 | 29 | 1 | 841 |
| 32 | 1 | 29 | 29 | 1 | 841 |
| 33 | 0 | 24 | 0 | 0 | 576 |
| 34 | 0 | 33 | 0 | 0 | 1089 |
| 35 | 0 | 29 | 0 | 0 | 841 |
| 36 | 0 | 27 | 0 | 0 | 729 |
| 37 | 0 | 33 | 0 | 0 | 1089 |
| 38 | 0 | 18 | 0 | 0 | 324 |
| 39 | 0 | 41 | 0 | 0 | 1681 |
| 40 | 0 | 25 | 0 | 0 | 625 |
| 41 | 0 | 34 | 0 | 0 | 1156 |
| 42 | 0 | 33 | 0 | 0 | 1089 |
| 43 | 0 | 26 | 0 | 0 | 676 |
| 44 | 0 | 33 | 0 | 0 | 1089 |
| 45 | 0 | 22 | 0 | 0 | 484 |
| 46 | 1 | 24 | 24 | 1 | 576 |
| 47 | 1 | 31 | 31 | 1 | 961 |
| 48 | 1 | 28 | 28 | 1 | 784 |
| 49 | 0 | 30 | 0 | 0 | 900 |
| 50 | 1 | 37 | 37 | 1 | 1369 |
| 51 | 0 | 28 | 0 | 0 | 576 |
| 52 | 0 | 25 | 0 | 0 | 625 |
| 53 | 0 | 29 | 0 | 0 | 841 |
| 54 | 0 | 30 | 0 | 0 | 900 |


| 55 | 0 | 34 | 0 | 0 | 1156 |
| :--- | :--- | :---: | :---: | :---: | :---: |
| 56 | 1 | 29 | 29 | 1 | 841 |
| 57 | 1 | 31 | 31 | 1 | 961 |
| 58 | 0 | 43 | 0 | 0 | 1849 |
| 59 | 1 | 26 | 26 | 1 | 676 |
| 60 | 0 | 34 | 0 | 0 | 1156 |
| Total | 24 | 1809 | 711 | 24 | 6815406 |

$$
\begin{aligned}
& r_{x y}=\frac{N \sum x y-\left(\sum x\right)\left(\sum y\right)}{\sqrt{\left\{N \sum x^{2}-\left(\sum \mathrm{x}\right)^{2}\right\}\left\{\mathrm{N} \sum \mathrm{y}^{2}-\left(\sum \mathrm{y}\right)^{2}\right\}}} \\
&=\frac{60 \times 711-24 \times 1809}{\sqrt{60 \times 24-576)(60 \times 6815406-46450758945836)}} \\
&=0,792
\end{aligned}
$$

By $\mathrm{N}=60$ at tables of product moment of price r in significance level $5 \%=$ 0,254 it is valid if $r$ calculate $\geq r$ is small table. Because rxy $=0,792 \geq 0,254$ hence problem no 1 is valid. In the same way it is obtained rxy value to entire item. After consulted to tables of price, it criticizes the product moment then the result of validity calculation to entire all items as follows:

Tables 4.5 The Qualification Validity of item test Structure D fifth Semester of English Department Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| Items number | r Count | Qualification |
| :---: | :---: | :---: |
| 1 | 0,792 | Valid |
| 2 | 0,778 | Valid |


| 3 | 0,783 | Valid |
| :---: | :---: | :---: |
| 4 | 0,774 | Valid |
| 5 | 0,774 | Valid |
| 6 | 0,773 | Valid |
| 7 | 0,778 | Valid |
| 8 | 0,775 | Valid |
| 9 | 0,777 | Valid |
| 10 | 0,782 | Valid |
| 11 | 0,787 | Valid |
| 12 | 0,781 | Valid |
| 13 | 0,786 | Valid |
| 14 | 0,777 | Valid |
| 15 | 0,779 | Valid |
| 16 | 0,782 | Valid |
| 17 | 0,780 | Valid |
| 18 | 0,775 | Valid |
| 19 | 0,787 | Valid |
| 20 | 0,775 | Valid |
| 21 | 0,789 | Valid |
| 22 | 0,772 | Valid |
| 23 | 0,773 | Valid |
| 24 | 0,772 | Valid |


| 25 | 0,782 | Valid |
| :---: | :---: | :---: |
| 26 | 0,779 | Valid |
| 27 | 0,782 | Valid |
| 28 | 0,777 | Valid |
| 29 | 0,777 | Valid |
| 30 | 0,774 | Valid |
| 31 | 0,772 | Valid |
| 32 | 0,776 | Valid |
| 33 | 0,781 | Valid |
| 34 | 0,778 | Valid |
| 35 | 0,781 | Valid |
| 36 | 0,775 | Valid |
| 37 | 0,779 | Valid |
| 38 | 0,773 | Valid |
| 39 | 0,790 | Valid |
| 40 | 0,777 | Valid |
| 41 | 0,768 | Valid |
| 42 | 0,777 | Valid |
| 43 | 0,776 | Valid |
| 44 | 0,771 | Valid |
| 45 | 0,770 | Valid |
| 46 | 0,775 | Valid |


| 47 | 0,774 | Valid |
| :---: | :---: | :---: |
| 48 | 0,778 | Valid |
| 49 | 0,770 | Valid |
| 50 | 0,782 | Valid |

At tables above we can see that from 50 final test item that used, there are all of items have $r_{11}$ bigger than $r$ table in the table of price of product moment.

Tables 4.6 The Conclusion validity of item test Structure D fifth Semester of English Department Tarbiyah Faculty of IAIN Antasari Banjarmasin in Academic year 2007/ 2008

| No | Criteria | Frequency. | Percentage |
| :--- | :--- | :--- | :--- |
| 1 | Valid | 50 | $100 \%$ |
| 2 | Invalid | 0 | $0 \%$ |

By interpretation the tables of $r$ price of product moment with the belief interval $95 \%$ for the participant 60 people, it obtained validity of each item

## 2. Reliability

To know the reliability of final test items of fifth semester English Department Tarbiyah Faculty of IAIN Antasari Banjarmasin that consist multiple choice items, essay items and error recognition items by using correlation score between anomalous cleft and even cleft that can see as follow:

## Tables 4.7 The Calculation Reliability of Items Test.

| Students <br> number | Total <br> score | anomalous <br> cleft | even cleft. | X1 | Y1 | XY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| 1 | 35 | 17 | 18 | 289 | 324 | 306 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 37 | 16 | 19 | 256 | 361 | 304 |
| 3 | 32 | 14 | 18 | 196 | 324 | 252 |
| 4 | 26 | 10 | 11 | 100 | 121 | 110 |
| 5 | 41 | 19 | 22 | 361 | 484 | 418 |
| 6 | 31 | 11 | 12 | 121 | 144 | 132 |
| 7 | 31 | 12 | 17 | 144 | 289 | 204 |
| 8 | 19 | 12 | 7 | 144 | 49 | 84 |
| 9 | 37 | 18 | 19 | 324 | 361 | 342 |
| 10 | 32 | 16 | 16 | 256 | 256 | 256 |
| 11 | 42 | 18 | 24 | 324 | 576 | 432 |
| 12 | 15 | 7 | 7 | 49 | 49 | 49 |
| 13 | 42 | 20 | 22 | 400 | 484 | 440 |
| 14 | 25 | 15 | 10 | 225 | 100 | 150 |
| 15 | 23 | 13 | 10 | 169 | 100 | 130 |
| 16 | 13 | 9 | 4 | 81 | 16 | 36 |
| 17 | 24 | 14 | 10 | 196 | 100 | 140 |
| 18 | 29 | 16 | 12 | 256 | 144 | 192 |
| 19 | 30 | 16 | 14 | 256 | 196 | 224 |
| 20 | 31 | 16 | 15 | 256 | 225 | 240 |
| 21 | 27 | 14 | 13 | 19 | 169 | 182 |
| 22 | 28 | 15 | 13 | 225 | 169 | 195 |


| 23 | 24 | 12 | 12 | 144 | 144 | 144 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 24 | 34 | 15 | 19 | 225 | 361 | 285 |
| 25 | 39 | 20 | 19 | 400 | 361 | 380 |
| 26 | 33 | 16 | 17 | 256 | 144 | 272 |
| 27 | 41 | 22 | 19 | 484 | 361 | 418 |
| 28 | 33 | 16 | 17 | 256 | 144 | 272 |
| 29 | 32 | 17 | 15 | 289 | 225 | 255 |
| 30 | 28 | 14 | 15 | 196 | 225 | 210 |
| 31 | 29 | 13 | 16 | 169 | 256 | 208 |
| 32 | 27 | 12 | 15 | 144 | 225 | 180 |
| 33 | 24 | 14 | 10 | 196 | 100 | 140 |
| 34 | 33 | 18 | 15 | 324 | 225 | 270 |
| 35 | 29 | 14 | 15 | 196 | 225 | 210 |
| 36 | 27 | 14 | 13 | 196 | 169 | 182 |
| 37 | 33 | 15 | 17 | 225 | 144 | 255 |
| 38 | 18 | 10 | 8 | 100 | 64 | 80 |
| 39 | 41 | 21 | 20 | 441 | 400 | 420 |
| 40 | 25 | 10 | 15 | 100 | 225 | 150 |
| 41 | 34 | 15 | 19 | 225 | 361 | 285 |
| 42 | 33 | 16 | 17 | 256 | 289 | 272 |
| 43 | 26 | 13 | 13 | 169 | 169 | 169 |
| 44 | 33 | 17 | 16 | 289 | 256 | 272 |


| 45 | 22 | 11 | 11 | 121 | 121 | 121 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 | 24 | 10 | 14 | 100 | 196 | 140 |
| 47 | 31 | 15 | 16 | 225 | 256 | 240 |
| 48 | 28 | 15 | 13 | 225 | 169 | 195 |
| 49 | 30 | 13 | 17 | 169 | 289 | 221 |
| 50 | 37 | 18 | 19 | 324 | 361 | 342 |
| 51 | 28 | 12 | 16 | 144 | 256 | 192 |
| 52 | 25 | 14 | 11 | 196 | 121 | 154 |
| 53 | 29 | 14 | 15 | 196 | 225 | 210 |
| 54 | 30 | 13 | 17 | 169 | 289 | 221 |
| 55 | 34 | 16 | 18 | 256 | 324 | 288 |
| 56 | 29 | 11 | 18 | 121 | 324 | 198 |
| 57 | 31 | 13 | 18 | 169 | 324 | 234 |
| 58 | 43 | 20 | 23 | 400 | 529 | 460 |
| 59 | 26 | 15 | 11 | 225 | 121 | 165 |
| 60 | 34 | 17 | 17 | 289 | 289 | 289 |
| Total | 1807 | 879 | 909 | 13433 | 13308 | 13817 |

$$
\begin{aligned}
\mathrm{r}_{\mathrm{xy}} & =\frac{\mathrm{N} \sum \mathrm{xy}-\left(\sum \mathrm{x}\right)\left(\sum \mathrm{y}\right)}{\sqrt{\left\{\mathrm{N} \sum \mathrm{x}^{2}-\left(\sum \mathrm{x}\right)^{2}\right\}\left\{\mathrm{N} \sum \mathrm{y}^{2}-\left(\sum \mathrm{y}\right)^{2}\right\}}} \\
& =\frac{60.13817-879.909}{\sqrt{(60.13433-180445489)(60.14308-204718864)}}
\end{aligned}
$$

$$
=19,1277
$$

The result that be accurated only for a half of test. To find all of the reliability of the test that be used spearman-Brown formulator as follow:

$$
\begin{aligned}
\mathrm{r}_{11}= & \frac{2 \mathrm{xr} 1 / 21 / 2}{1+\mathrm{r}_{1} / 21 / 2} \\
& =\frac{2 \times 19.1277}{1 \times 19.1277} \\
& =0,782
\end{aligned}
$$

Base on data calculation at the table above, with half - method and (divided into two part) and add - even method ( add and even number, it is obtained the reliability of Structure D final test item of fifth Semester of English Department Tarbiyah Faculty of IAIN Antasari Banjarmasin, is 0,782 in product moment tables at significance level $5 \%$ for $\mathrm{N}=60$ is 0,254 , it is reliable if the value r calculated $\geq$ $r$ table. Because $r_{11}=0,782 \geq 0,254$ so that the item test is reliable.

A half method that used the correlation of product moment with harsh number so that criterion (similar to validity criterion). Wit value $\mathrm{r}_{11} 0,782$ it meant the test used is reliable and having reliability.
3. Index difficulty

Index difficulty with quality of items test that used can be know from difficulty level of each item test. Item test can be said as good item test if they are not too difficult and too easy.

Index difficulty can be know by comparison between number of participants correct answer with the number all of students answer.

Following example is calculation of item difficulty for test of number 1 . Sum up the students correct answer item number 1 as much 24 people from all of participant 60 people.

$$
\begin{aligned}
P & =\frac{B}{J s} \\
& =\frac{24}{60} \\
& =0,4
\end{aligned}
$$

So the item number 1 have index difficulty 0,4 . Result of calculating that interpreted with table index difficulty. And result of calculating for all of items that can see in table as follow:

Table 4.8. The Index difficulty item test Structure D Final test fifth semester English department Tarbiyah faculty at IAIN Antasari Banjarmasin academic year 2007/2008.

| Item <br> number | P (Index difficulty) | Qualification |
| :---: | :---: | :---: |
| 1 | 0,4 | Moderate |
| 2 | 0,95 | Easy |
| 3 | 0,8 | Easy |
| 4 | 0,6 | Moderate |
| 5 | 0,43 | Moderate |
| 6 | 0,63 | Moderate |


| 7 | 0,55 | Moderate |
| :---: | :---: | :---: |
| 8 | 0,76 | Easy |
| 9 | 0,91 | Easy |
| 10 | 0,03 | Difficult |
| 11 | 0,81 | Easy |
| 12 | 0,8 | Easy |
| 13 | 0,38 | Moderate |
| 14 | 0,41 | Moderate |
| 15 | 0,76 | Easy |
| 16 | 0,68 | Moderate |
| 17 | 0,55 | Moderate |
| 18 | 0,68 | Moderate |
| 19 | 0,48 | Moderate |
| 20 | 0,28 | Difficult |
| 21 | 0,36 | Moderate |
| 22 | 0,4 | Moderate |
| 23 | 0,68 | Moderate |
| 24 | 0,6 | Moderate |
| 25 | 0,36 | Moderate |
| 26 | 0,78 | Easy |
| 27 | 0,96 | Easy |
| 28 | 0,73 | Easy |


| 29 | 0,1 | Difficult |
| :---: | :---: | :---: |
| 30 | 0,71 | Easy |
| 31 | 0,31 | Moderate |
| 32 | 0,73 | Easy |
| 33 | 0,98 | Easy |
| 34 | 0,45 | Moderate |
| 35 | 0,75 | Easy |
| 36 | 0,5 | Moderate |
| 37 | 0,81 | Easy |
| 38 | 0,3 | Difficult |
| 39 | 0,36 | Moderate |
| 40 | 0,66 | Moderate |
| 41 | 0,23 | Difficult |
| 42 | 0,56 | Moderate |
| 43 | 0,86 | Easy |
| 44 | 0,8 | Easy |
| 45 | 0,7 | Moderate |
| 46 | 0,68 | Moderate |
| 47 | 0,68 | Moderate |
| 48 | 0,48 | Moderate |
| 49 | 0,55 | Moderate |
| 50 | 1 | Easy |

From tables above we can see that from 50 items as much 18 items test categorized easy, 27 items test categorized moderate and 5 items test of difficult category.

Base on that obtained from table above that items test of difficulty criterion as much $10 \%$, items test of moderate criterion as much $54 \%$ and $36 \%$ at easy criterion.

Table 4.9 The Conclusion of index difficulty items test Structure D fifth Semester English Department Tarbiyah Faculty academic year 2007/2008

| No | Criteria | Frequency | Presentation |
| :---: | :---: | :---: | :---: |
| 1 | Easy | 18 | $36 \%$ |
| 2 | Moderate | 27 | $54 \%$ |
| 3 | Difficult | 5 | $10 \%$ |

4. Discriminating Power

Discriminating power is test ability in differently between students who have high score with students who have low score. To look for the discriminating power, all of students score arranged from the highest score until the lowest ones. Because the number of students less than 100 so all of students is taken. For students as much 60 people, it mean taken $50 \%$ from the highest score and $50 \%$ from the lowest score, following example for discriminating power calculation for test number 1.

$$
\mathrm{D}=\frac{\mathrm{Ba}}{\mathrm{Ja}}-\frac{\mathrm{Bb}}{\mathrm{Jb}}=\mathrm{PA}-\mathrm{PB}
$$

$$
=\frac{11}{30}-\frac{13}{13}
$$

The result of calculation discriminating power item test the Structures D fifth semester of English department from item number 1 until number 50 can be seen at $-2$ tables as foglfow:

Table 4.10 The Discriminating power item test Structure D fifth semester English department Tarbiyah faculty academic year 2007/2008

| Items number | D | Qualification |
| :---: | :---: | :---: |
| 1 | -0,06 | Negative |
| 2 | 0,03 | Bad |
| 3 | 0,07 | Bad |
| 4 | 0,27 | Moderate |
| 5 | 0,23 | Moderate |
| 6 | 0,26 | Moderate |
| 7 | 0,17 | Bad |
| 8 | 0,20 | Bad |
| 9 | 0,03 | Bad |
| 10 | 0,06 | Bad |
| 11 | 0,03 | Bad |
| 12 | 0,07 | Bad |
| 13 | 0,16 | Bad |
| 14 | 0,03 | Bad |


| 15 | 0,07 | Bad |
| :---: | :---: | :---: |
| 16 | 0,10 | Bad |
| 17 | 0,30 | Moderate |
| 18 | 0,24 | Moderate |
| 19 | 0,16 | Bad |
| 20 | 0,30 | Moderate |
| 21 | -0,13 | Negative |
| 22 | 0,23 | Moderate |
| 23 | 0,30 | Moderate |
| 24 | 0,40 | Good |
| 25 | 0,10 | Bad |
| 26 | 0,16 | Bad |
| 27 | 0 | Bad |
| 28 | 0,20 | Bad |
| 29 | 0,07 | Bad |
| 30 | 0,30 | Moderate |
| 31 | 0,23 | Moderate |
| 32 | 0,34 | Moderate |
| 33 | 0,04 | Bad |
| 34 | 0,23 | Moderate |
| 35 | 0,10 | Bad |
| 36 | 0,27 | Moderate |


| 37 | 0,10 | Bad |
| :---: | :---: | :---: |
| 38 | 0,47 | Good |
| 39 | 0 | Bad |
| 40 | 0,20 | Bad |
| 41 | 0,34 | Moderate |
| 42 | 0,40 | Good |
| 43 | 0,27 | Moderate |
| 44 | 0,40 | Moderate |
| 45 | 0,30 | Good |
| 46 | 0,16 | Moderate |
| 47 | 0,30 | Bad |
| 48 | 0,37 | Moderate |
| 49 | 0 | Moderate |
| 50 |  | Bad |

From the tables above, it can be seen that items test which have good criterion are 4 items or $8 \%$, for moderate criterion are 19 items or $38 \%$, for bad criterion are 25 items or $50 \%$ and for negative criterion are 2 items or $4 \%$.

Almost a half of items test have earned to differentiate students ability for $46 \%$ and items test which unable to differentiate students ability to $54 \%$.

Table 4.11 The Conclusion of Discriminating Power items test Structure D fifth Semester English Department Tarbiyah Faculty Academic year 2007/2008.

| No | Criteria | Frequency | Presentation |
| :---: | :---: | :---: | :---: |
| 1 | Very good | - | $0 \%$ |
| 2 | Good | 4 | $8 \%$ |
| 3 | Moderate | 19 | $38 \%$ |
| 4 | Bad | 25 | $50 \%$ |
| 5 | Negative | 2 | $4 \%$ |

Based on all data are item validity, index difficulty and discriminating power, so that it can be made hence can be made the tables of item acceptance like the following table:

Table 4.12 The Acceptance Items

| Items number | Rxy | P | D | Acceptance <br> items |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Valid | Moderate | Negative | Accept |
| 2 | Valid | Easy | Bad | Revised |
| 3 | Valid | Easy | Bad | Revised |
| 4 | Valid | Moderate | Moderate | Accept |
| 5 | Valid | Moderate | Moderate | Accept |
| 6 | Valid | Moderate | Moderate | Accept |
| 7 | Valid | Moderate | Bad | Accept |
| 8 | Valid | Easy | Bad | Revised |
| 9 | Valid | Easy | Bad | Revised |
| 10 | Valid | Difficult | Bad | Revised |


| 11 | Valid | Easy | Bad | Revised |
| :---: | :---: | :---: | :---: | :---: |
| 12 | Valid | Easy | Bad | Revised |
| 13 | Valid | Moderate | Bad | Accept |
| 14 | Valid | Moderate | Bad | Accept |
| 15 | Valid | Easy | Bad | Revised |
| 16 | Valid | Moderate | Bad | Accept |
| 17 | Valid | Moderate | Moderate | Accept |
| 18 | Valid | Moderate | Moderate | Accept |
| 19 | Valid | Moderate | Bad | Accept |
| 20 | Valid | Difficult | Enough | Accept |
| 21 | Valid | Moderate | Negative | Accept |
| 22 | Valid | Moderate | Moderate | Accept |
| 23 | Valid | Moderate | Moderate | Accept |
| 24 | Valid | Moderate | Good | Accept |
| 25 | Valid | Moderate | Bad | Accept |
| 26 | Valid | Easy | Bad | Revised |
| 27 | Valid | Easy | Bad | Revised |
| 28 | Valid | Easy | Bad | Accept |
| 29 | Valid | Difficult | Bad | Revised |
| 30 | Valid | Easy | Moderate | Accept |
| 31 | Valid | Moderate | Moderate | Accept |
| 32 | Valid | Easy | Moderate | Accept |


| 33 | Valid | Easy | Bad | Revised |
| :---: | :---: | :---: | :---: | :---: |
| 34 | Valid | Moderate | Moderate | Accept |
| 35 | Valid | Easy | Bad | Accept |
| 36 | Valid | Moderate | Moderate | Accept |
| 37 | Valid | Easy | Bad | Revised |
| 38 | Valid | Difficult | Good | Accept |
| 39 | Valid | Moderate | Bad | Accept |
| 40 | Valid | Moderate | Bad | Accept |
| 41 | Valid | Difficult | Moderate | Accept |
| 42 | Valid | Moderate | Good | Accept |
| 43 | Valid | Easy | Moderate | Accept |
| 44 | Valid | Easy | Moderate | Accept |
| 45 | Valid | Moderate | Good | Accept |
| 46 | Valid | Moderate | Moderate | Accept |
| 47 | Valid | Moderate | Bad | Accept |
| 48 | Valid | Moderate | Moderate | Accept |
| 49 | Valid | Moderate | Moderate | Accept |
| 50 | Valid | Easy | Bad | Revised |

From tables above, it can be said that Structures D final in fifth Semester of English Department Tarbiyah Faculty Academic year 2007/2008 which can be accepted as much 36 items or $72 \%$ and which must be revised as much 14 items or $28 \%$.

Based on the inferential of the table above, for the test which is revised as much 14 items, items number $2,3,8,9,11,12,15,26,27,33,37,50$ must be revised because they are too easy and almost of testee can answer correctly, and items number 10 and 29 are too difficult because almost of testee cannot answer's correctly.

The items that included must be revised are:

1. No. 2. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
2. No. 3. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
3. No. 8. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
4. No. 9. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
5. No. 10. The item should be revised or changed because its difficulty level is too difficult where almost of testee cannot answer it correctly. And it discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
6. No. 11. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
7. No. 12. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
8. No. 15. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
9. No. 26. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
10. No. 27. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating
power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
11. No. 29. The item should be revised or changed because its difficulty level is too difficult where almost of testee cannot answer it correctly. And it discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item cannot be used in the next time.
12. No. 33. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item can't be used in the next time.
13. No. 37. The item should be revised or changed because its difficulty level is too easy where almost of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item can't be used in the next time.
14. No. 50. The item should be revised or changed because its difficulty level is too easy where all of testee can answer it correctly. And its discriminating power is bad, the item cannot discriminate between the upper students and lower students, this item can't be used in the next time.
