

Appendix 1

THE SUBJECTS LIST OF EXPERIMENTAL CLASS (VII A)

NO	CODE	NAME
1	E-1	A. FANNY RESA IRAWAN
2	E-2	AHMAD AL NUR ROKHIM
3	E-3	AHMAD MUFIRUL AMIN
4	E-4	AMALIATUL AISYAH
5	E-5	ANDRE KHOIRUM M
6	E-6	ARDEA NUR P
7	E-7	ARKHANUR RIZKI
8	E-8	DITO PRAYOGO
9	E-9	ELYSA PUTRI APRILIA ANISA
10	E-10	ICCA AULIA SARI
11	E-11	ISFAIZATUN MAISAROH
12	E-12	JAMALUL ANWAR
13	E-13	LENY VIOLA AGUSTIN
14	E-14	LUKMAN FARID H
15	E-15	Lutfiana Azizah
16	E-16	M. DIKA NUR SAPUTRA
17	E-17	M. FIQI ULIL ALBAB
18	E-18	M. JONI KURNIAWAN
19	E-19	MUHAMMAD AINUN NAJIB
20	E-20	MUTIARA PUTRI FEBRIANTI N. L
21	E-21	NAZIB KHOIRUL ANWAR
22	E-22	NILMA MIN KATILLA
23	E-23	SHOFIYATUN MUYASSAROH
24	E-24	WAHID YUSUF IBRAHIM
25	E-25	WAHYU PUJI SAPUTRO
26	E-26	YAFI IZZAM NABIH
27	E-27	YULIA PUTRI MAULINDA
28	E-28	YUNITA APRILIA
29	E-29	ZIDNI ILMA
30	E-30	ZULIANA MARFUATIM MUTOHAROH

TRY OUT CLASS (VIII B)

NO	CODE	NAME
1	TO-01	A. FANNY RESA IRAWAN
2	TO-02	AHMAD AL NUR ROKHIM
3	TO-03	AHMAD MUFIRUL AMIN
4	TO-04	AMALIATUL AISYAH
5	TO-05	ANDRE KHOIRUM M
6	TO-06	ARDEA NUR P
7	TO-07	ARKHANUR RIZKI
8	TO-08	DITO PRAYOGO
9	TO-09	ELYSA PUTRI APRILIA ANISA
10	TO-10	ICCA AULIA SARI
11	TO-11	ISFAIZATUN MAISAROH
12	TO-12	JAMALUL ANWAR
13	TO-13	LENY VIOLA AGUSTIN
14	TO-14	LUKMAN FARID H
15	TO-15	LUTFIANA AZIZAH
16	TO-16	M. DIKA NUR SAPUTRA
17	TO-17	M. FIQI ULIL ALBAB
18	TO-18	M. JONI KURNIAWAN
19	TO-19	MUHAMMAD AINUN NAJIB
20	TO-20	MUTIARA PUTRI FEBRIANTI N. L
21	TO-21	NAZIB KHOIRUL ANWAR
22	TO-22	NILMA MIN KATILLA
23	TO-23	SHOFIYATUN MUYASSAROH
24	TO-24	WAHID YUSUF IBRAHIM
25	TO-25	WAHYU PUJI SAPUTRO
26	TO-26	YAFI IZZAM NABIH
27	TO-27	YULIA PUTRI MAULINDA
28	TO-28	YUNITA APRILIA
29	TO-29	ZIDNI ILMA
30	TO-30	ZULIANA MARFUATIM MUTOHAROH
31	TO-31	ZULINAR

THE SUBJECTS LIST OF CONTROL CLASS (VII F)

NO	CODE	NAME
1	C-1	ADELIA PUSPITA WATI
2	C-2	AHMAD AKMALUL MUTTAQIN
3	C-3	AHMAD CHOIRUL MUHAJIRIN
4	C-4	AHMAD SAIFUL ANAM
5	C-5	AHMAD SULISTIYANTO
6	C-6	AHMAD ULIN NUHA
7	C-7	AHMAD WAHYU SAPUTRO
8	C-8	AHMAD WILDAN SETYONUGROHO
9	C-9	AVIVAH NUR HIDAYATI
10	C-10	AZIZ NOOR AHMAD HUSEIN
11	C-11	BAGUS EKO PRASETYO
12	C-12	EFRIAN ZULISTIO
13	C-13	ERNA WIJAYANTI
14	C-14	FATKUR RIZQI
15	C-15	IMAM TEGUH PRAKOSO
16	C-16	JAMAL
17	C-17	KANZA OCINZIWA
18	C-18	M. ASYIQL ALAYA
19	C-19	M. ICHYA' UDDIN
20	C-20	M. TAUFIQ K
21	C-21	MARIANA NATALIA PUTRI
22	C-22	MELINDA PERMATA PUTRI
23	C-23	MIA OKTAFIANI
24	C-24	NOOR FAIZATUL JANNAH
25	C-25	NUR ROHMA
26	C-26	RIA YULIANTI
27	C-27	ROHMAN PRASTYO
28	C-28	SALIS RAHMAWATI
29	C-29	TIYA AFIFAH MUSTAFIDA
30	C-30	WAFI CHOLIDUL SYAFAK
31	C-31	EDO FRANS DWI HARJANTO

Appendix 2

The Computation of Item Validity

Formula:

$$\gamma_{pbi} = \frac{Mp - Mt}{St} \sqrt{\frac{p}{q}}$$

Explanation:

- M_p : The average of subject score who can answer right on the items which the validity is looked for
- M_t : The average of total score
- S_t : The deviation standard of total score
- p : The student proportion who can answer right
- q : The student proportion who answer wrong

Criteria:

The item is valid if $r_{xy} > r_{table}$

Calculation:

Below is the example of the item validity of number 1

NO	CODE	X	Y	X ²	Y ²	XY
1	TO-01	0	20	0	400	0
2	TO-02	1	24	1	576	24
3	TO-03	1	22	1	484	22
4	TO-04	1	23	1	529	23
5	TO-05	1	23	1	529	23
6	TO-06	1	22	1	484	22
7	TO-07	1	21	1	441	21
8	TO-08	1	18	1	324	18
9	TO-09	1	20	1	400	20
10	TO-10	1	18	1	324	18
11	TO-11	1	22	1	484	22
12	TO-12	1	23	1	529	23
13	TO-13	1	22	1	484	22
14	TO-14	1	18	1	324	18
15	TO-15	1	19	1	361	19
16	TO-16	1	18	1	324	18
17	TO-17	1	14	1	196	14

18	TO-18	0	19	0	361	0
19	TO-19	1	14	1	196	14
20	TO-20	0	16	0	256	0
21	TO-21	1	11	1	121	11
22	TO-22	1	15	1	225	15
23	TO-23	1	17	1	289	17
24	TO-24	1	13	1	169	13
25	TO-25	1	13	1	169	13
26	TO-26	1	16	1	256	16
27	TO-27	0	13	0	169	0
28	TO-28	0	12	0	144	0
29	TO-29	0	16	0	256	0
30	TO-30	0	15	0	225	0
31	TO-31	0	11	0	121	0
SUM		23	548	23	10150	426

From the table, obtained data:

$$\begin{aligned}
 M_p &= \frac{\text{Total scores of student who get right answer on item number 1}}{\text{Total students who get right answers on item number 1}} \\
 &= \frac{426}{23} \\
 &= 18.52
 \end{aligned}$$

$$\begin{aligned}
 M_t &= \frac{\text{Total score of whole students}}{\text{Total of students}} \\
 &= \frac{548}{31} \\
 &= 17.67
 \end{aligned}$$

$$\begin{aligned}
 P &= \frac{\text{Total students who get right answer on item number 1}}{\text{Total of students}} \\
 &= \frac{23}{31} \\
 &= 0.74
 \end{aligned}$$

$$q = 1 - 0.74 = 0.26$$

$$S_t = \sqrt{\frac{10150 - \frac{(548)^2}{31}}{31}} = 3.86$$

$$\begin{aligned} r_{pbi} &= \frac{18.52 - 17.67}{3.86} \sqrt{\frac{0.74}{0.26}} \\ &= 0.371 \end{aligned}$$

$r(xy)$ 0.371 for $\alpha = 5\%$ with $N = 31$, it would be obtained 0.355
Because $r \text{ count} > r \text{ table}$, so the item number 1 is valid.

Multiple Choice Try-out Test Analysis

No	Code	No Soal						
		1	2	3	4	5	6	7
1	TO-01	0	0	1	0	1	0	1
2	TO-02	1	1	1	1	1	1	1
3	TO-03	1	1	1	1	0	1	1
4	TO-04	1	1	1	1	1	1	1
5	TO-05	1	1	1	1	0	1	1
6	TO-06	1	1	1	1	1	1	1
7	TO-07	1	1	1	1	1	1	1
8	TO-08	1	1	1	1	1	1	1
9	TO-09	1	1	1	1	1	1	1
10	TO-10	1	1	1	1	1	0	1
11	TO-11	1	1	1	1	1	1	1
12	TO-12	1	1	1	1	1	1	0
13	TO-13	1	1	0	1	1	1	1
14	TO-14	1	0	0	0	1	1	1
15	TO-15	1	1	1	1	1	1	1
16	TO-16	1	1	1	1	1	1	1
17	TO-17	1	1	0	0	1	1	1
18	TO-18	0	1	0	0	1	1	0
19	TO-19	1	0	0	1	1	0	0
20	TO-20	0	1	1	1	0	1	0
21	TO-21	1	0	0	1	1	0	1
22	TO-22	1	1	0	0	1	1	1
23	TO-23	1	1	0	0	1	1	0
24	TO-24	1	1	1	0	1	1	1
25	TO-25	1	1	0	1	1	0	0
26	TO-26	1	0	1	1	1	0	1
27	TO-27	0	0	1	1	1	1	1
28	TO-28	0	1	1	0	1	1	0
29	TO-29	0	1	1	1	1	0	0
30	TO-30	0	1	1	0	1	1	0
31	TO-31	0	0	0	0	1	0	0
Sum		23	24	21	21	28	23	21
Validity	Mp	18,52	18,54	18,76	18,76	17,39	18,65	18,67
	Mt	17,68	17,68	17,68	17,68	17,68	17,68	17,68
	p	0,74	0,77	0,68	0,68	0,90	0,74	0,68
	q	0,26	0,23	0,32	0,32	0,10	0,26	0,32
	p/q	2,88	3,43	2,10	2,10	9,33	2,88	2,10
	St	3,86	3,86	3,86	3,86	3,86	3,86	3,86
	r	0,37	0,41	0,41	0,41	-0,23	0,43	0,37
r _{table}	Standard of signification 5% and N = 31 obtained rtable =							0,355
Criteria	Valid	Valid	Valid	Valid	Invalid	Valid	Valid	
Difficult Level	B	23	24	21	21	28	23	21
	JS	31	31	31	31	31	31	31
	IK	0,74	0,77	0,68	0,68	0,90	0,74	0,68
	Criteria	Easy	Easy	Medium	Medium	Easy	Easy	Medium
Discriminating Power	BA	16	15	14	14	15	15	16
	BB	7	9	7	7	13	8	5
	JA	17	17	17	17	17	17	17
	JB	14	14	14	14	14	14	14
	D	0,44	0,24	0,32	0,32	-0,05	0,31	0,58
	Criteria	Good	Enough	Enough	Enough	Least	Enough	Good
Criteria	Used	Used	Used	Used	Unused	Used	Used	
Reliability	p	0,741935484	0,705882353	0,617647059	0,617647059	0,823529412	0,676470588	0,617647059
	q	0,258064516	0,294117647	0,382352941	0,382352941	0,176470588	0,323529412	0,382352941
	pq	0,191467222	0,207612457	0,23615917	0,23615917	0,14532872	0,218858131	0,23615917
	n	31						
	Σpq	6,2754						
	S ²	14,92819979						
	r ₁₁	0,5990						
	Criteria	Reliable						

Multiple Choice Try-out Test Analysis

No Soal								
8	9	10	11	12	13	14	15	
0	1	1	0	1	1	1	0	
0	1	1	1	1	0	1	1	
0	1	0	1	1	0	1	0	
0	1	1	1	0	0	1	0	
1	1	0	1	1	0	1	0	
1	1	0	1	0	0	1	0	
0	1	0	1	0	0	1	0	
0	0	0	1	0	0	1	1	
0	1	0	1	1	0	1	0	
0	1	1	0	1	0	1	0	
0	1	1	1	0	1	1	0	
0	1	0	0	1	1	1	1	
0	1	1	1	0	0	1	0	
1	0	0	1	0	0	0	0	
0	1	1	1	0	0	1	0	
0	1	1	0	1	0	1	0	
0	1	0	0	1	0	1	0	
0	1	1	1	0	0	1	0	
0	0	0	1	0	0	1	0	
0	0	0	0	1	0	1	0	
0	1	0	1	0	0	1	0	
0	0	0	0	0	0	1	0	
0	1	0	0	0	0	1	0	
0	1	1	1	0	0	1	0	
0	0	0	0	0	0	1	0	
1	0	0	0	0	0	1	0	
0	1	0	1	0	1	0	0	
0	0	0	0	0	0	0	0	
0	1	0	1	0	1	1	1	
0	1	0	0	0	1	0	1	
0	1	0	0	0	0	1	0	
4	22	10	19	9	6	26	6	
19.75	18.77	20.20	18.89	20.22	16.83	18.31	18.33	
17.68	17.68	17.68	17.68	17.68	17.68	17.68	17.68	
0.13	0.71	0.32	0.61	0.29	0.19	0.84	0.19	
0.87	0.29	0.68	0.39	0.71	0.81	0.16	0.81	
0.15	2.44	0.48	1.58	0.41	0.24	5.20	0.24	
3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	
0.21	0.44	0.45	0.40	0.42	-0.11	0.37	0.08	
Invalid	Valid	Valid	Valid	Valid	Invalid	Valid	Invalid	
4	22	10	19	9	6	26	6	
31	31	31	31	31	31	31	31	
0.13	0.71	0.32	0.61	0.29	0.19	0.84	0.19	
Difficult	Easy	Medium	Medium	Difficult	Difficult	Easy	Difficult	
3	15	8	12	9	2	16	3	
1	7	2	7	0	4	10	3	
17	17	17	17	17	17	17	17	
14	14	14	14	14	14	14	14	
0.11	0.38	0.33	0.21	0.53	-0.17	0.23	-0.04	
Less	Enough	Enough	Enough	Good	Least	Enough	Least	
Unused	Used	Used	Used	Used	Unused	Used	Unused	
0.117647059	0.647058824	0.294117647	0.558823529	0.264705882	0.176470588	0.764705882	0.176470588	
0.882352941	0.352941176	0.705882353	0.441176471	0.735294118	0.823529412	0.235294118	0.823529412	
0.103806228	0.228373702	0.207612457	0.246539792	0.194636678	0.14532872	0.179930796	0.14532872	

16	17	18	19	20	21	22
1	0	1	1	1	1	0
0	0	1	1	1	0	1
1	1	1	1	1	1	0
0	1	1	1	1	0	0
1	1	1	1	1	1	0
1	1	1	0	1	1	0
0	1	1	1	1	0	0
0	0	1	0	1	0	1
0	0	1	0	1	0	0
0	0	1	1	1	0	0
1	1	0	1	1	1	0
1	1	1	1	1	1	1
1	0	1	1	1	1	0
1	1	1	1	1	1	0
0	0	1	1	0	0	0
0	1	1	1	1	0	0
0	1	1	1	0	0	0
1	1	1	1	0	1	0
1	0	1	0	1	1	1
1	1	1	0	0	1	0
0	0	0	0	1	0	0
0	1	1	1	1	0	0
1	0	1	0	0	1	0
0	0	1	1	0	0	0
1	0	1	0	0	1	0
0	0	0	1	0	0	0
1	0	0	1	0	0	0
0	1	1	1	1	0	1
0	0	1	0	1	0	1
0	0	1	0	1	1	0
14	15	26	20	23	14	6
19,00	19,27	18,19	18,75	18,52	18,93	18,33
17,68	17,68	17,68	17,68	17,68	17,68	17,68
0,45	0,48	0,84	0,65	0,74	0,45	0,19
0,55	0,52	0,16	0,35	0,26	0,55	0,81
0,82	0,94	5,20	1,82	2,88	0,82	0,24
3,86	3,86	3,86	3,86	3,86	3,86	3,86
0,31	0,40	0,30	0,37	0,37	0,29	0,08
Invalid	Valid	Invalid	Valid	Valid	Invalid	Invalid
14	15	26	20	23	14	6
31	31	31	31	31	31	31
0,45	0,48	0,84	0,65	0,74	0,45	0,19
Medium	Medium	Easy	Medium	Easy	Medium	Difficult
8	10	16	14	15	8	3
6	5	10	6	8	6	3
17	17	17	17	17	17	17
14	14	14	14	14	14	14
0,04	0,23	0,23	0,39	0,31	0,04	-0,04
Less	Enough	Enough	Enough	Enough	Less	Least
Unused	Used	Unused	Used	Used	Unused	Unused
0,411764706	0,441176471	0,764705882	0,588235294	0,676470588	0,411764706	0,176470588
0,588235294	0,558823529	0,235294118	0,411764706	0,323529412	0,588235294	0,823529412
0,242214533	0,246539792	0,179930796	0,242214533	0,218858131	0,242214533	0,14532872

23	24	25	26	27	28	29	30
1	0	1	1	1	1	1	1
1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1
1	1	1	1	1	1	1	1
1	0	1	1	1	1	1	0
1	1	0	1	0	1	1	1
1	1	1	1	1	1	0	1
0	1	1	0	1	1	1	0
1	1	0	1	1	1	1	1
1	0	0	1	1	0	1	1
1	1	1	1	0	1	1	0
1	1	1	0	1	0	1	0
1	1	1	1	1	1	0	1
1	1	0	1	1	0	1	1
0	1	1	1	1	1	1	0
0	0	0	1	1	0	0	1
0	0	0	1	1	1	0	0
0	1	1	1	1	1	1	1
1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	0
1	1	0	0	1	0	0	1
0	0	1	0	1	1	1	0
0	0	1	1	1	1	0	0
1	1	0	1	0	1	1	1
0	1	1	0	0	0	0	0
1	1	0	0	1	1	1	0
0	1	1	1	1	1	1	0
0	1	1	1	1	1	0	0
1	1	1	1	1	1	1	1
0	0	0	0	1	1	1	0
1	1	0	1	1	1	0	1
0	1	1	0	1	0	1	0
0	1	1	1	1	1	1	0
0	0	0	1	1	1	0	0
1	1	1	1	1	1	1	0
0	1	1	1	1	1	1	0
0	1	1	1	1	1	1	0
1	1	1	1	1	1	1	1
20	23	18	23	25	22	21	15
18,95	17,61	18,33	18,39	18,04	18,45	18,52	18,27
17,68	17,68	17,68	17,68	17,68	17,68	17,68	17,68
0,65	0,74	0,58	0,74	0,81	0,71	0,68	0,48
0,35	0,26	0,42	0,26	0,19	0,29	0,32	0,52
1,82	2,88	1,38	2,88	4,17	2,44	2,10	0,94
3,86	3,86	3,86	3,86	3,86	3,86	3,86	3,86
0,44	-0,03	0,20	0,31	0,19	0,31	0,32	0,15
Valid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid
20	23	18	23	25	22	21	15
31	31	31	31	31	31	31	31
0,65	0,74	0,58	0,74	0,81	0,71	0,68	0,48
Medium	Easy	Medium	Easy	Easy	Easy	Medium	Medium
13	11	10	15	15	13	13	10
7	12	8	8	10	9	8	5
17	17	17	17	17	17	17	17
14	14	14	14	14	14	14	14
0,26	-0,21	0,02	0,31	0,17	0,12	0,19	0,23
Enough	Least	Less	Enough	Less	Less	Less	Enough
Used	Unused	Unused	Unused	Unused	Unused	Unused	Unused
0.588235294	0.676470588	0.529411765	0.676470588	0.735294118	0.647058824	0.617647059	0.441176471
0.411764706	0.323529412	0.470588235	0.323529412	0.264705882	0.352941176	0.382352941	0.558823529
0,242214533	0,218858131	0,249134948	0,218858131	0,194636678	0,228373702	0,23615917	0,246539792

Y	Y ²
20	400
24	576
22	484
23	529
23	529
22	484
21	441
18	324
20	400
18	324
22	484
23	529
22	484
18	324
19	361
18	324
14	196
19	361
14	196
16	256
11	121
15	225
17	289
13	169
13	169
16	256
13	169
12	144
16	256
15	225
11	121
548	10150

X*Y	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
22	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330
23	23	46	69	92	115	138	161	184	207	230	253	276	299	322	345
23	23	46	69	92	115	138	161	184	207	230	253	276	299	322	345
22	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330
21	21	42	63	84	105	126	147	168	189	210	231	252	273	294	315
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270
20	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270
22	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330
23	23	46	69	92	115	138	161	184	207	230	253	276	299	322	345
22	22	44	66	88	110	132	154	176	198	220	242	264	286	308	330
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270
19	19	38	57	76	95	114	133	152	171	190	209	228	247	266	285
18	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
17	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
16	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
426	445	394	394	487	429	392	79	413	202	359	182	101	476	110	110

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
20	0	20	20	20	20	0	20	20	20	20	20	20	20	20
0	0	24	24	24	24	0	24	24	24	24	24	24	24	24
22	22	22	22	22	22	0	0	22	22	22	22	22	22	22
0	23	23	23	23	23	0	23	23	23	23	23	23	23	23
23	23	23	23	23	23	0	23	23	23	23	23	23	23	23
22	22	22	0	22	22	0	22	22	22	22	22	22	22	22
0	21	21	21	21	21	0	21	21	21	21	21	21	21	21
0	0	18	0	18	0	18	18	18	18	18	18	18	18	18
0	0	20	0	20	0	20	20	20	20	20	20	20	20	20
0	0	18	18	18	0	18	18	18	18	18	18	18	18	18
22	22	0	22	22	22	0	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
22	0	22	22	22	22	0	22	22	22	22	22	22	22	22
18	18	18	18	18	18	0	18	18	18	18	18	18	18	18
0	0	19	19	19	0	19	19	19	19	19	19	19	19	19
0	18	18	18	18	0	18	18	18	18	18	18	18	18	18
0	14	14	14	0	0	0	0	0	0	0	0	0	0	0
19	19	19	19	0	19	19	19	19	19	19	19	19	19	19
14	0	14	0	14	14	14	14	14	14	14	14	14	14	14
16	16	16	0	0	16	0	16	16	16	16	16	16	16	16
0	0	15	15	15	0	0	0	0	0	0	0	0	0	0
17	17	0	0	17	17	0	17	17	17	17	17	17	17	17
0	0	13	0	13	0	0	0	13	13	13	13	13	13	13
0	0	13	13	0	0	0	0	13	13	13	13	13	13	13
16	0	16	0	0	16	16	16	16	16	16	16	16	16	16
0	0	0	0	13	0	0	0	13	13	13	13	13	13	13
12	0	0	12	0	0	0	12	12	12	12	12	12	12	12
0	16	16	16	16	0	16	16	16	16	16	16	16	16	16
0	0	15	0	15	0	15	15	15	15	15	15	15	15	15
0	0	11	0	11	11	11	11	11	11	11	11	11	11	11
266	289	473	375	426	265	110	379	405	330	423	451	406	389	274

Appendix 3

The Computation of Reliability

Formula:

$$r_{11} = \left(\frac{k}{k-1} \right) \left(\frac{S^2 - \sum pq}{S^2} \right)$$

Keterangan:

- r_{11} : The reliability coefficient of items
 S^2 : The varian
 p : The proportion of students who give the right answer
 q : The proportion of students who give the wrong answer
 k : The number of item in the test

Kriteria

Interval	Kriteria
$r_{11} \leq 0,2$	Very low
$0,2 < r_{11} \leq 0,4$	Low
$0,4 < r_{11} \leq 0,6$	Medium
$0,6 < r_{11} \leq 0,8$	High
$0,8 < r_{11} \leq 1,0$	Very high

Based on the analysis of test table obtained:

$$\begin{aligned} k &= 30 \\ \sum pq &= 6,2754 \\ S^2 &= \frac{\sum Y^2 - \frac{(\sum Y)^2}{N}}{N} = \frac{10150 - \left[\frac{300304}{31} \right]}{31} = 14,9282 \\ r_{11} &= \left(\frac{30}{30 - 1} \right) \left(\frac{14,9282 - 6,2754}{14,9282} \right) \\ &= 0,5996 = 0,6 \end{aligned}$$

The result shows that 0,6 ; it means that the items of instrument were medium.

Appendix 4

Discriminating Power

Multiple Choice Question

Formula:

$$D = \frac{B_A}{J_A} - \frac{B_B}{J_B}$$

Keterangan:

D : Discriminating power

B_A : The number of students who get correct answer on top group

B_B : The number of students who get correct answer on bottom group

J_A : Number of students on top group

J_B : Number of students on bottom group

Criteria:

Interval (D)	Criteria
D ≤ 0,00	Least
0,00 < D ≤ 0,20	Less
0,20 < D ≤ 0,40	Enough
0,40 < D ≤ 0,70	Good
0,70 < D ≤ 1,00	Excellent

Calculation

Below is the example of the computation of discriminating power on item number 1.

Kelompok Atas			Kelompok Bawah		
No	Kode	Skor	No	Kode	Skor
1	TO-01	0	1	TO-18	0
2	TO-02	1	2	TO-19	1
3	TO-03	1	3	TO-20	0
4	TO-04	1	4	TO-21	1
5	TO-05	1	5	TO-22	1
6	TO-06	1	6	TO-23	1
7	TO-07	1	7	TO-24	1
8	TO-08	1	8	TO-25	1
9	TO-09	1	9	TO-26	1
10	TO-10	1	10	TO-27	0
11	TO-11	1	11	TO-28	0
12	TO-12	1	12	TO-29	0
13	TO-13	1	13	TO-30	0
14	TO-14	1	14	TO-31	0
15	TO-15	1			
16	TO-16	1			
17	TO-17	1			
Jumlah		16	Jumlah		7

$$D = \frac{16}{17} - \frac{7}{14}$$

$$= 0,44$$

Based on criteria, item number 1 is very good

Appendix 5

Difficulty Level

Formula:

$$P = \frac{N_p}{N}$$

Explanation:

P : Indeks kesukaran

N_p : The number of students who has right answer

N : The number of students

Criteria:

Interval (Difficulty Level)	Criteria
0,00 - 0,30	Difficult
0,31 - 0,70	Medium
0,71 - 1,00	Easy

Berikut ini contoh perhitungan pada butir soal no 1, selanjutnya untuk butir soal yang lain dihitung dengan cara yang sama, dan diperoleh seperti pada tabel analisis butir soal.

Kelompok Atas			Kelompok Bawah		
No	Kode	Skor	No	Kode	Skor
1	TO-01	0	1	TO-18	0
2	TO-02	1	2	TO-19	1
3	TO-03	1	3	TO-20	0
4	TO-04	1	4	TO-21	1
5	TO-05	1	5	TO-22	1
6	TO-06	1	6	TO-23	1
7	TO-07	1	7	TO-24	1
8	TO-08	1	8	TO-25	1
9	TO-09	1	9	TO-26	1
10	TO-10	1	10	TO-27	0
11	TO-11	1	11	TO-28	0
12	TO-12	1	12	TO-29	0
13	TO-13	1	13	TO-30	0
14	TO-14	1	14	TO-31	0
15	TO-15	1			
16	TO-16	1			
17	TO-17	1			
Jumlah		16	Jumlah		7

$$P = \frac{16 + 7}{31}$$

$$= 0,74$$

Based on criteria, item number 1 is easy.

Appendix 6

THE INITIAL VALUES OF EXPERIMENT AND CONTROL CLASS LIST

No	Experiment Class	Value	No	Control Class	Value
1	E-01	40	1	C-01	60
2	E-02	47	2	C-02	53
3	E-03	73	3	C-03	73
4	E-04	40	4	C-04	47
5	E-05	47	5	C-05	53
6	E-06	73	6	C-06	67
7	E-07	47	7	C-07	60
8	E-08	60	8	C-08	40
9	E-09	73	9	C-09	67
10	E-10	67	10	C-10	47
11	E-11	47	11	C-11	53
12	E-12	73	12	C-12	40
13	E-13	67	13	C-13	47
14	E-14	40	14	C-14	53
15	E-15	73	15	C-15	67
16	E-16	53	16	C-16	73
17	E-17	53	17	C-17	67
18	E-18	53	18	C-18	67
19	E-19	67	19	C-19	53
20	E-20	50	20	C-20	67
21	E-21	47	21	C-21	33
22	E-22	60	22	C-22	67
23	E-23	53	23	C-23	60
24	E-24	73	24	C-24	27
25	E-25	40	25	C-25	53
26	E-26	67	26	C-26	73
27	E-27	60	27	C-27	60
28	E-28	33	28	C-28	60
29	E-29	33	29	C-29	53
30	E-30	60	30	C-30	45
			31	C-31	60
JUMLAH		1669			1745
Rata-rata		55,63			56,29
Nilai Tertinggi		73			73
Nilai Terendah		33			27
Standar Deviasi (Simpangan Baku)		12,91			11,71

Appendix 7

Uji Normalitas Nilai Awal (Pretest) kelas Eksperimen (V-A)

Statistik	Variabel
N Sampel	30
Mean	55,633
Simpangan Baku	12,915

Variabel	Zi	F(zi)	S(zi)	F(zi) - S(zi)
33	-1,7525	0,0398	0,0333	0,0065
33	-1,7525	0,0398	0,0667	0,0268
40	-1,2105	0,1130	0,1000	0,0130
40	-1,2105	0,1130	0,1333	0,0203
40	-1,2105	0,1130	0,1667	0,0536
40	-1,2105	0,1130	0,2000	0,0870
47	-0,6685	0,2519	0,2333	0,0186
47	-0,6685	0,2519	0,2667	0,0148
47	-0,6685	0,2519	0,3000	0,0481
47	-0,6685	0,2519	0,3333	0,0814
47	-0,6685	0,2519	0,3667	0,1148
50	-0,4362	0,3313	0,4000	0,0687
53	-0,2039	0,4192	0,4333	0,0141
53	-0,2039	0,4192	0,4667	0,0475
53	-0,2039	0,4192	0,5000	0,0808
53	-0,2039	0,4192	0,5333	0,1141
60	0,3381	0,6324	0,5667	0,0657
60	0,3381	0,6324	0,6000	0,0324
60	0,3381	0,6324	0,6333	0,0010
60	0,3381	0,6324	0,6667	0,0343
67	0,8801	0,8106	0,7000	0,1106
67	0,8801	0,8106	0,7333	0,0773
67	0,8801	0,8106	0,7667	0,0439
67	0,8801	0,8106	0,8000	0,0106
73	1,3447	0,9106	0,8333	0,0773
73	1,3447	0,9106	0,8667	0,0440
73	1,3447	0,9106	0,9000	0,0106
73	1,3447	0,9106	0,9333	0,0227
73	1,3447	0,9106	0,9667	0,0560
73	1,3447	0,9106	1,0000	0,0894

Uji Normalitas Liliefors	
Liliefors Hitung	0,115
Derajat Kepercayaan	0,050
Liliefors	0,886
Liliefors Tabel	0,162
Kesimpulan	Normal

Uji Normalitas Nilai Awal (Pretest) Kelas Kontrol (V-B)

Statistik	Variabel
N Sampel	31
Mean	56,290
Simpangan Baku	11,714

Variabel (xi)	Zi	F(zi)	S(zi)	F(zi) - S(zi)
27	-2,5005	0,0062	0,0333	0,0271
33	-1,9883	0,0234	0,0667	0,0433
40	-1,3907	0,0822	0,1000	0,0178
40	-1,3907	0,0822	0,1333	0,0512
45	-0,9638	0,1676	0,1667	0,0009
47	-0,7931	0,2139	0,2000	0,0139
47	-0,7931	0,2139	0,2333	0,0195
47	-0,7931	0,2139	0,2667	0,0528
53	-0,2809	0,3894	0,3000	0,0894
53	-0,2809	0,3894	0,3333	0,0561
53	-0,2809	0,3894	0,3667	0,0227
53	-0,2809	0,3894	0,4000	0,0106
53	-0,2809	0,3894	0,4333	0,0439
53	-0,2809	0,3894	0,4667	0,0773
53	-0,2809	0,3894	0,5000	0,1106
60	0,3167	0,6243	0,5333	0,0909
60	0,3167	0,6243	0,5667	0,0576
60	0,3167	0,6243	0,6000	0,0243
60	0,3167	0,6243	0,6333	0,0091
60	0,3167	0,6243	0,6667	0,0424
60	0,3167	0,6243	0,7000	0,0757
67	0,9143	0,8197	0,7333	0,0864
67	0,9143	0,8197	0,7667	0,0530
67	0,9143	0,8197	0,8000	0,0197
67	0,9143	0,8197	0,8333	0,0136
67	0,9143	0,8197	0,8667	0,0470
67	0,9143	0,8197	0,9000	0,0803
67	0,9143	0,8197	0,9333	0,1136
73	1,4265	0,9231	0,9667	0,0435
73	1,4265	0,9231	1,0000	0,0769
73	1,4265	0,9231	0,9667	0,0435

Uji Normalitas Liliefors	
Liliefors Hitung	0,114
Derajat Kepercayaan	0,050
Liliefors	0,886
Liliefors Tabel	0,159
Kesimpulan	Normal

Appendix 8

UJI HOMOGENITAS NILAI AWAL (Pretest)

Sumber Data

Sumber variasi	VII A	VII F
Jumlah	1669	1745
n	30	31
\bar{X}	54,55	54,67
Varians (S^2)	166,67	137,12
Standart deviasi (S)	12,91	11,71

$$F_{hitung} = \frac{\text{varians terbesar}}{\text{varians terkecil}} = \frac{166,67}{137,12} = 1,22$$

untuk $\alpha = 5\%$ dengan

dk pembilang = $nb - k = 30 - 1 = 29$

dk penyebut = $nk - k = 31 - 1 = 30$

$F(0.05)(29:30) = 1,84$

Karena $F_{hitung} < F_{tabel}$ maka homogen

1,8474278

Appendix 9

UJI KESAMAAN DUA RATA-RATA NILAI AWAL ANTARA KELAS EKSPERIMEN DAN KELAS KONTROL

Sumber data

Sumber variasi	Eksperimen (V-A)	Kontrol (V-B)
Jumlah	1669	1745
n	30	31
\bar{X}	55,633	56,290
Varians (s^2)	166,797	137,218
Standart deviasi (s)	12,915	11,714

Perhitungan

$$S^2 = \frac{(n_1 - 1)s_1^2 + (n_2 - 1)s_2^2}{n_1 + n_2 - 2} = \frac{(30-1) \cdot 166,797 + (31-1) \cdot 137,218}{30 + 31 - 2}$$

$$S^2 = 156,910$$

$$S = 12,526$$

$$t_{hitung} = \frac{\bar{X}_1 - \bar{X}_2}{s \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}} = \frac{55,633 - 56,290}{12,526 \sqrt{\frac{1}{30} + \frac{1}{31}}}$$

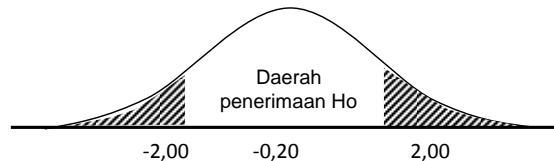
$$= \frac{-0,657}{3,208}$$

$$t_{hitung} = -0,205$$

Dengan taraf signifikan $\alpha = 5\%$ dk = $n_1 + n_2 - 2 = 30 + 31 - 2 = 59$

peluang = $1 - 1/2 \alpha = 0,975$ dari daftar

$$t_{tabel} = 2,00$$



Karena t_{hitung} berada pada daerah penerimaan H_0 , maka dapat disimpulkan bahwa tidak ada perbedaan rata-rata dari kedua kelompok.

Appendix 11

Uji Normalitas Nilai Akhir (Posttest) Akhir Kelas Eksperimen (V-A)

Statistik	Variabel
N Sampel	30
Mean	73,967
Simpangan Baku	7,924

Variabel	Zi	F(zi)	S(zi)	F(zi) - S(zi)
60	-1,7625	0,0390	0,0333	0,0057
60	-1,7625	0,0390	0,0667	0,0277
60	-1,7625	0,0390	0,1000	0,0610
60	-1,7625	0,0390	0,1333	0,0943
67	-0,8792	0,1897	0,1667	0,0230
67	-0,8792	0,1897	0,2000	0,0103
67	-0,8792	0,1897	0,2333	0,0437
67	-0,8792	0,1897	0,2667	0,0770
73	-0,1220	0,4515	0,3000	0,1515
73	-0,1220	0,4515	0,3333	0,1181
73	-0,1220	0,4515	0,3667	0,0848
73	-0,1220	0,4515	0,4000	0,0515
73	-0,1220	0,4515	0,4333	0,0181
73	-0,1220	0,4515	0,4667	0,0152
73	-0,1220	0,4515	0,5000	0,0485
73	-0,1220	0,4515	0,5333	0,0819
73	-0,1220	0,4515	0,5667	0,1152
73	-0,1220	0,4515	0,6000	0,1485
80	0,7614	0,7768	0,6333	0,1435
80	0,7614	0,7768	0,6667	0,1101
80	0,7614	0,7768	0,7000	0,0768
80	0,7614	0,7768	0,7333	0,0435
80	0,7614	0,7768	0,7667	0,0101
80	0,7614	0,7768	0,8000	0,0232
80	0,7614	0,7768	0,8333	0,0565
80	0,7614	0,7768	0,8667	0,0899
80	0,7614	0,7768	0,9000	0,1232
87	1,6448	0,9500	0,9333	0,0167
87	1,6448	0,9500	0,9667	0,0167
87	1,6448	0,9500	1,0000	0,0500

Uji Normalitas Liliefors	
Liliefors Hitung	0,151
Derajat Kepercayaan	0,050
Liliefors	0,886
Liliefors Tabel	0,162
Kesimpulan	Normal

Uji Normalitas Nilai Akhir (Posttest) Kelas kontrol (V-B)

Statistik	Variabel
N Sampel	31
Mean	69,613
Simpangan Baku	8,397

Variabel	Zi	F(zi)	S(zi)	F(zi) - S(zi)
53	-1,9784	0,0239	0,0333	0,0094
53	-1,9784	0,0239	0,0667	0,0427
53	-1,9784	0,0239	0,1000	0,0761
60	-1,1448	0,1261	0,1333	0,0072
60	-1,1448	0,1261	0,1667	0,0405
60	-1,1448	0,1261	0,2000	0,0739
60	-1,1448	0,1261	0,2333	0,1072
67	-0,3112	0,3778	0,2667	0,1112
67	-0,3112	0,3778	0,3000	0,0778
67	-0,3112	0,3778	0,3333	0,0445
67	-0,3112	0,3778	0,3667	0,0112
67	-0,3112	0,3778	0,4000	0,0222
67	-0,3112	0,3778	0,4333	0,0555
67	-0,3112	0,3778	0,4667	0,0888
73	0,4034	0,6567	0,5000	0,1567
73	0,4034	0,6567	0,5333	0,1233
73	0,4034	0,6567	0,5667	0,0900
73	0,4034	0,6567	0,6000	0,0567
73	0,4034	0,6567	0,6333	0,0233
73	0,4034	0,6567	0,6667	0,0100
73	0,4034	0,6567	0,7000	0,0433
73	0,4034	0,6567	0,7333	0,0767
73	0,4034	0,6567	0,7667	0,1100
73	0,4034	0,6567	0,8000	0,1433
80	1,2370	0,8920	0,8333	0,0586
80	1,2370	0,8920	0,8667	0,0253
80	1,2370	0,8920	0,9000	0,0080
80	1,2370	0,8920	0,9333	0,0414
80	1,2370	0,8920	0,9667	0,0747
80	1,2370	0,8920	1,0000	0,1080
80	1,2370	0,8920	0,9667	0,0747

Uji Normalitas Liliefors	
Liliefors Hitung	0,157
Derajat Kepercayaan	0,050
Liliefors	0,886
Liliefors Tabel	0,159
Kesimpulan	Normal

Appendix 12

UJI HOMOGENITAS NILAI AKHIR ANTARA KELAS EKSPERIMEN DAN KONTROL

Sumber Data

Sumber variasi	VII A	VII F
Jumlah	2219	2158
n	30	31
X	73,97	69,61
Varians (S^2)	62,73	70,56
Standart deviasi (S)	7,92	8,40

$$F_{hitung} = \frac{\text{varians terbesar}}{\text{varians terkecil}} = \frac{70,56}{62,73} = 1,12$$

untuk $\alpha = 5\%$ dengan

dk pembilang = $n_1 - k = 30 - 1 = 29$

dk penyebut = $n_2 - k = 31 - 1 = 30$

$F(0,05)(29:30) = 1,84$

Karena $F_{hitung} < F_{tabel}$ maka homogen

Appendix 13

UJI PERBEDAAN DUA RATA-RATA NILAI AKHIR ANTARA KELAS EKSPERIMEN DAN KELAS KONTROL

Sumber data

Sumber variasi	Eksperimen (V-A)	Kontrol (V-B)
Jumlah	2219	2158
n	30	31
\bar{X}	73,967	69,613
Varians (s^2)	62,726	70,560
Standart deviasi (s)	7,920	8,400

Perhitungan

$$S^2 = \frac{(n_1 - 1)s_1^2 + (n_2 - 1)s_2^2}{n_1 + n_2 - 2} = \frac{(30-1) \cdot 62,726 + (31-1) \cdot 70,560}{30 + 31 - 2}$$

$$S^2 = 66,710$$

$$S = 8,168$$

$$t_{hitung} = \frac{\bar{X}_1 - \bar{X}_2}{s \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}} = \frac{73,967 - 69,613}{8,168 \sqrt{\frac{1}{30} + \frac{1}{31}}}$$

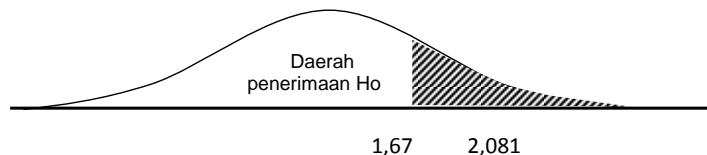
$$= \frac{4,354}{2,092}$$

$$t_{hitung} = 2,081$$

Dengan taraf signifikan $\alpha = 5\%$ dk = $n_1 + n_2 - 2 = 30 + 31 - 2 = 59$

peluang = $1 - 1/2 \alpha = 0,975$ dari

$$t_{tabel} = 1,67$$



Karena t_{hitung} lebih besar dari t_{tabel} maka t_{hitung} berada pada daerah penerimaan H_a . Oleh karena itu, dapat disimpulkan bahwa ada perbedaan rata-rata antara kelompok eksperimen dan kelas kontrol.

Appendix 14

PRE TEST

Choose the correct answer by crossing (X) A, B, C, or D!

Read the text below to answer question number 1 to 5!

A Giraffe is A Mammal

A Giraffe is a mammal animal. Its tall is for about six meters. The giraffe has a big brown eyes and it eats leaves. They are protected by very thick lashes. The skin has many spots. The spots are brown. This colour helps the giraffe from its enemy. The giraffe also has two short horns on its head. It has two methods of self-protection. If something frightens an adult giraffe, it can gallop away at about 50 km/ hour or stay to fight with its strong legs.

(Source: <https://id.scribd.com>)

1. What is the text talk about?
 - a. Elephant
 - b. Monkey
 - c. Giraffe
 - d. Lion
2. What is the purpose of the text?
 - a. To narrative a giraffe
 - b. To describe a giraffe
 - c. To see a giraffe
 - d. To kill a giraffe
3. How are the giraffe's eyes?
 - a. Big brown
 - b. Small brown
 - c. Big yellow
 - d. Small yellow
4. What colour is the giraffe spot?
 - a. Black
 - b. Brown
 - c. White
 - d. Green
5. How far does giraffe gallop in 2 hours?
 - a. 50 km
 - b. 70 km

- c. 60 km
- d. 100 km

Read the text below to answer question number 6 to 8!

My favourite toy is a doll. I named my doll Becky. I got in in my 12th birthday. My dad bought it for me when he was in England. Becky is 16 cm tall doll with plastic head, arms, and legs and a white cloth stuffed body. Her body is covered with yellow, orange, and green flower bud prints. She has long auburn-red brush-able hair, green eyes. There are freckles on her cheek. There are also two dimples near her mouth on the left and on the right. They make her more beautiful. I put her at my side when I sleep at night. I like my doll very much. I sometimes ask my friends to come to my house and play with Becky. They like Becky too

(Source: <http://www.sekolahoke.com>)

- 6. What does the text tell us about?
 - a. My favourite toy
 - b. The writer's favourite doll
 - c. Birthday party
 - d. A holiday
- 7. What are on Becky's face?
 - a. White cloth
 - b. Auburn red hair
 - c. Freckles and dimples
 - d. Flower bud prints
- 8. "They make her more beautiful." The underlined word refers to ...
 - a. Freckles
 - b. Green eyes
 - c. The left and bright cheeks
 - d. The dimples

Read the text below to answer question number 9 to 15!

Nabila is the youngest in our family. She is fourteen years old and four years younger than me. He has long, straight hair, bright eyes, and a friendly smile. Sometimes, she is rather naughty at home, but she usually does what she is to do.

Nabila is interested in drawing very much. She likes to draw some kind of flowers. Every day she draws flowers and colouring well. She often takes parts in drawing competition.

(Source: <https://brainly.co.id>)

9. What is the text mostly about?
 - a. Nabila
 - b. Nabila's hobby
 - c. Nabila's family
 - d. Nabila's elder sister
10. What kinds of the text above?
 - a. Recount text
 - b. Procedure text
 - c. Descriptive text
 - d. Narrative text
11. From the text we know that Nabila is...
 - a. The writer's youngest sister
 - b. The writer's elder sister
 - c. A naughty girl
 - d. A friendly girl
12. Based on the text we know that the writer is...years old.
 - a. Fourteen c. eighteen
 - b. Nineteen d. sixteen
13. "Nabila is interested in drawing very much."
The underlined phrase can be replaced with...
 - a. dislike drawing
 - b. really likes drawing
 - c. hates drawing very much
 - d. finds drawing not really entertaining
14. "She is rather **naughty** at home." What is the antonym of the word **naughty** in this sentence ...?
 - a. obey
 - b. disobey
 - c. kindly
 - d. friendly
15. What is the main idea of the second paragraph...?
 - a. Nabila
 - b. Nabila's family
 - c. Nabila's sister
 - d. Nabila's hobby

POST TEST

Choose the correct answer by crossing (X) A, B, C, or D!

Read the text below to answer question number 1 to 5!

My name is Nuri. I have a hamster. It is small and cute. I call it "Kao". My grandfather gave it last week. Kao has three different colours; they are white, brown, and black. Kao's ears are small. It always squeaks in the time I come to close its cage. I feed it every morning. Kao likes to eat some leaves and grass. I take the grass from the field near my house. Kao looks happy eating the grass. I really love Kao.

(Source: <https://es.scribd.com>)

1. What does the text tell us about?
 - a. Nuri's hamster
 - b. A cute cat
 - c. Small hamster
 - d. Funny hamster
2. What is the purpose of the text above?
 - a. To tell the readers that the writer's family is pet lovers
 - b. To describe the writer's hamster to the readers
 - c. To persuade the readers to keep hamster as a pet
 - d. To show the advantages of keeping hamster
3. Who gave Nuri a hamster?
 - a. Her father
 - b. Her mother
 - c. Her grandfather
 - d. Her uncle
4. Does Kao eat grass?
 - a. Yes, it is
 - b. Yes, it does
 - c. No, it doesn't
 - d. No, it isn't
5. Where does Nuri takes the grass?
 - a. From the field near her house
 - b. She takes the grass from the grandfather's house
 - c. In front of the office
 - d. Beside the grandfather's house

Read the text below to answer question number 6 to 10!

My name is Sofia. I live in a small house. It has five rooms. There are two bedrooms, a bathroom, and a kitchen. Indeed, it is a small house, but I like living in here for wasting my spare time.

When the door is open, I can see the living room. It is so small with only three chairs and a table. I prefer reading a novel in this room. My bedroom is in the left side of the living room. In this room, there is a night table lamp next to the bed, a television, a radio and a computer. When being bored of reading, I usually play online games, chat with my friends via Facebook. Next to my bedroom is my mother's room. In the right side of the living room is a kitchen. In the kitchen, I have everything I need when I get hungry. It is very pleasure when my mother cooks. The smell fills my whole house. I love my house very much.

(Source: www.englishindo.com)

6. What does the text talk about?
 - a. Sofia's house
 - b. Sofia's room
 - c. Sofia's bedroom
 - d. Sofia's living room
7. Where does she read a novel?

She reads a novel in the

 - a. Kitchen
 - b. Bathroom
 - c. Bedroom
 - d. living room
8. How many rooms are there in the house?
 - a. 3
 - b. 4
 - c. 5
 - d. 6
9. What does she do when she feels bored?
 - a. She plays with her friends
 - b. She cooks in the kitchen
 - c. She helps her mother
 - d. She plays online games

10. What is the communicative purpose of the text?
- To describe about Sofia's house
 - To entertain the reader
 - To share the writer's experience
 - To talk about the writer's favourite games

Read the text below to answer question number 11 to 12!

Peter is the youngest in our family. He is fourteen years old and four years younger than me. He has long, straight hair, bright eyes and a friendly smile. Sometimes he is rather naughty at home, but he usually does what he is asked to do. Peter is interested in sports very much, and at school, he plays football and tennis. He is the best badminton player in our family.

(Source: <https://brainly.co.id>)

11. How old is Peter? He is ... years old.
- Four
 - Fourteen
 - Forty
 - Ten
12. According to the passage, we know that Peter is
- The writer's youngest brother
 - The writer's elder brother
 - A stupid boy
 - A lazy boy

Read the text below to answer question number 13 to 15!

I have some pets. However, my favourite pet is Timmy. Timmy is a male tabby cat. He is very adorable with his soft stripes fur.

He has innocent round eyes and feeble sweet voice. He always meows when I come home, he usually give me a kiss. Timmy is a nice playmate. I'm so happy to spend my time with him. Most of the time, he's a good cat. It's almost impossible for me to be angry at him. In the morning, he always wakes up early. When he wakes up earlier, he waits quality by my bedside until I wake up.

(Source: <https://brainly.co.id>)

13. What kinds of the text above?
- Recount text
 - Procedure text

- g. Descriptive text
 - h. Narrative text
14. When does Timmy usually give a kiss to the writer? When the writer....
- a. Feels hungry
 - b. Goes to sleep
 - c. Leaves home
 - d. Comes home
15. What is the purpose of the text about?
- e. To describe place
 - f. To entertain the reader
 - g. To describe something
 - h. To tell how to make something

Appendix 15

47/201

LEMBAR JAWAB

47

Name : AR-RANUQAHATI
Student's number : 7
Class : III A

	A	B	C	D
1.			X	
2.		X		
3.		X		
4.			X	
5.				X

	A	B	C	D
6.	X			
7.			X	
8.			X	
9.	X			
10.		X		

	A	B	C	D
11.			X	
12.	X			
13.		X		
14.				X
15.	X			

LEMBAR JAWAB

Name : Adelia Puspita Wati
Student's number : 1
Class : VII F

60

	A	B	C	D
1.			X	
2.	X			
3.	X			
4.				X
5.				X

	A	B	C	D
6.	X			
7.			X	
8.			X	
9.	X			
10.		X		

	A	B	C	D
11.	X			
12.			X	
13.				X
14.		X		
15.			X	

Appendix 16

LESSON PLAN (Experimental Class 1)

School	: Islamic Junior High School Keling
Subject	: English
Material	: Descriptive Text
Class / Semester	: VII A/ II
Skill	: Reading
Time allotment	: 40 Minutes (1x meeting)

A. Core Competence

1. Menghargai dan menghayati ajaran agama yang dianutnya
2. Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya.
3. Memahami pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
4. Mencoba, mengolah, dan menyaji dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

B. Basic Competence

- 4.12. Menangkap makna dalam teks deskriptif lisan dan tulis, sangat pendek dan sederhana.

C. Indicators

1. Understand the content of descriptive text.
2. Read the descriptive text with the correct pronunciation.
3. Mention the generic structure of descriptive text.
4. Answer the questions about descriptive text.

D. Learning Objectives

At the end of the lesson, students are able to:

1. Understand the content of descriptive text.
2. Read the descriptive text with the correct pronunciation.
3. Mention the generic structure of descriptive text.
4. Answer the questions about descriptive text.

E. Learning Material

My New Table

Identification	I have a new table. I get it from my mom and i love it. I get this table because I become the first rank in my class.
Description(s)	My table is brown and it is from jati wood. Its height around 1 meter. I put my school book, do my homework and read a book on that table. I always use it when i study.

Vocabularies:

- Get : mendapatkan
- First rank : ranking pertama
- Wood : kayu
- Put : meletakkan
- Homework : PR

Descriptive text is type of genre that is describe something (place, person, or thing) that is purpose to give information about something by giving information clearly.

Generic structure of Descriptive text

- a) Identification
Identifies phenomeneon to be describes.
- b) Description
Describes parts, qualities, characteristics.

F. Learning Method

Teams Games Tournament

G. Learning media

- 1) Media
 - Power point.
- 2) Tool
 - Whiteboard, boardmarker, and tournament table.
- 3) Learning Resources
 - English On SKY 1 for Junior High School Students Grade VII

H. Steps of Learning Activities

a) Opening

Teacher	Students	Time
• Greets students.	• Respond the greeting.	5 minutes
• Persuades the students to pray.	• Pray together with teacher.	
• Checking attendance.	• Respond the presence.	
• Asking the basic questions about the material will be given.	• Pay attention and try to answer the questions given .	
• Explains the rule of the game.	• Pay attention.	
• Makes a conclusion about the material.	• With the teacher make a conclusion.	
• Ask the student to Close the lesson by praying	• Pray together.	

b) Core activities

Teacher	Students	Time
a. Observing		
• At the beginning the teacher delivers learning materials in the classroom. The teacher ask students to look at the	• Students look at the picture and mention some characteristics of the picture.	10 minutes

c)	<p>C picture on the power point and mention some characteristics of the picture.</p>		
b. Questioning			
	<ul style="list-style-type: none"> Motivates the students to make some questions related the material. 	<ul style="list-style-type: none"> Ask some questions related the material. 	5 minutes
c. Exploring			
	<ul style="list-style-type: none"> Asks the students to make a group. Every group consist of 4-5 members. Asks students to read and understand the material with member of the group and more specific to prepare group members in order to work properly and optimally during the game. 	<ul style="list-style-type: none"> Make a group. Students read and understand the material with member of the group and prepare the group members in order to work properly and optimally during the game. 	5 minutes
d. Associating			
	<ul style="list-style-type: none"> Decides students to work in group. Asks the representative of the group to come forward and play the game. 	<ul style="list-style-type: none"> Work in group. Doing the game. 	7 minutes
e. Communicating			
	<ul style="list-style-type: none"> Announces the winning group and gives the gift. 	<ul style="list-style-type: none"> Pay attention and come forward to receive the gift. 	5 minutes
	<ul style="list-style-type: none"> Pays attention and correct practices undertaken by the students. 	<ul style="list-style-type: none"> Students pay attention. 	

I. Instrument

Group Score	Appreciation Criteria
40	Good Team
45	Great Team
50	Super Team

Semarang, 22th of April 2016



Head Master of MTs N Keling

Drs. H. Miftakhudin, M.Pd.I

NIP. 196507021992031004

Researcher

Lia Khoirotin Nida

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LESSON PLAN
(Experimental Class 2)

School : Islamic Junior High School Keling
Subject : English
Material : Descriptive Text
Class / Semester : VII A/ II
Skill : Reading
Time allotment : 40 Minutes (1x meeting)

A. Core Competence

1. Menghargai dan menghayati ajaran agama yang dianutnya
2. Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya.
3. Memahami pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
4. Mencoba, mengolah, dan menyaji dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

B. Basic Competence

- 4.12. Menangkap makna dalam teks deskriptif lisan dan tulis, sangat pendek dan sederhana.

C. Indicators

1. Understand the content of descriptive text.
2. Read the descriptive text with the correct pronunciation.
3. Answer the questions about descriptive text.
4. Identify social functions, the structure of the text, and linguistic elements in simple descriptive text.

D. Learning Objectives

At the end of the lesson, students are able to:

1. Understand the content of descriptive text.
2. Read the descriptive text with the correct pronunciation.
3. Answer the questions about descriptive text.
4. Identify social functions, the structure of the text, and linguistic elements in simple descriptive text.

E. Learning Material

My Blewuk

Identification	I have some pets, the name is Blewuk. Blewuk is a nice playmate . I am happy to spend my time with him.
Description(s)	Blewuk is a male cat. I call it Blewuk because his fur is grey. He is adorable with his soft stripes. He has innocent round eyes and feeble sweet voice. He always meow when he feels hungry. Actually his voice is not suitable with his giant body. When I come home, he usually gives me a kiss. Most of the time, he's a good boy. It's almost impossible for me to be angry with him. In the morning he always wakes me up early. When he wakes up early, he waits quietly beside me until I wake up.

Vocabularies:

Fur : Bulu
 Adorable : Manis/menarik
 Stripe : Belang
 Hungry : Lapar

Feeble : Lemah
 Wake up: Bangun
 Playmate: Teman bermain
 Beside : disamping

Language feature of descriptive text

- a) Focus on specific participant or noun (e. g. Classroom, door, table, window, etc)
- b) Use of attributive and identifying process. They are used to describe the characteristic of the topic and the parts. The characteristic can be the size, color, or the quality. (e.g. Big, blue, clean, etc.)
- c) Noun phrase. They are combination of adjectives and nouns. (e.g. a big and clean classroom, two brown doors)
- d) Verbs. The verbs usually used in a description are “have” (have, has) and “to be” (am, is, are).
- e) The tense is simple present tense.

F. Learning Method

Teams Games Tournament

G. Learning media

- 1) Media
 - Power point.
- 2) Tool
 - Whiteboard, boardmarker, and tournament table.
- 3) Learning Resources
 - English On SKY 1 for Junior High School Students Grade VII

H. Steps of Learning Activities

a) Opening

Teacher	Students	Time
• Greets students	• Respond the greeting	3 minutes
• Persuades the students to pray	• Pray together with teacher	
• Checking attendance	• Respond the presence	
• Asking the basic questions about the material will be given	Pay attention and try to answer the questions given	
• Explains the rule of the game	Pay attention	

b) Core activities

Teacher	Students	Time
a. Observing		
<ul style="list-style-type: none"> At the beginning the teacher delivers learning materials in the classroom. The teacher ask students to look at the picture on the power point and mention some characteristics of the picture. 	<ul style="list-style-type: none"> Students look at the picture and mention some characteristics of the picture. 	10 minutes
b. Questioning		
<ul style="list-style-type: none"> Motivates the students to make some questions related the material. 	<ul style="list-style-type: none"> Ask some questions related the material 	5 minutes
c. Exploring		
<ul style="list-style-type: none"> Asks the students to make a group. Every group consist of 4-5 members. Asks students to read and understand the material with member of the group and more specific to prepare group members in order to work properly and optimally during the game. 	<ul style="list-style-type: none"> Make a group. Students read and understand the material with member of the group and prepare the group members in order to work properly and optimally during the game. 	2 minutes
d. Associating		
<ul style="list-style-type: none"> Decides students to work in group Asks the representative of the group to come forward and play the game 	<ul style="list-style-type: none"> Work in group Doing the game 	3 minutes
e. Communicating		
<ul style="list-style-type: none"> Announces the winning group and gives the gift 	<ul style="list-style-type: none"> Pay attention and come forwar to 	5 minutes

	receive the gift	
<ul style="list-style-type: none"> • Pays attention and correct practices undertaken by the students 	<ul style="list-style-type: none"> • Students pay attention. 	

c) Closing

Teacher	Students	Time
<ul style="list-style-type: none"> • Makes a conclusion about the material 	<ul style="list-style-type: none"> • With the teacher make a conclusion 	2 minutes
<ul style="list-style-type: none"> • Ask the student to Close the lesson by praying 	<ul style="list-style-type: none"> • Pray together 	

I. Instrument

Group Score	Appreciation Criteria
40	Good Team
45	Great Team
50	Super Team

Semarang, 29th of April 2016



Head Master of MTs N Keling

Drs. H. Miftakhudin, M.Pd.I
NIP. 196507021992031004

Researcher

Lia Khoirotin Nida

123411060

LESSON PLAN (Control Class 1)

School : Islamic Junior High School Keling
Subject : English
Material : Descriptive Text
Class / Semester : VII F/ II
Skill : Reading
Time allotment : 40 Minutes (1x meeting)

J. Core Competence

5. Menghargai dan menghayati ajaran agama yang dianutnya
6. Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya.
7. Memahami pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
8. Mencoba, mengolah, dan menyaji dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

K. Basic Competence

- 8.12. Menangkap makna dalam teks deskriptif lisan dan tulis, sangat pendek dan sederhana.

L. Indicators

1. Understand the content of descriptive text.
2. Read the descriptive text with the correct pronunciation.
3. Mention the generic structure of descriptive text.
4. Answer the questions about descriptive text.

M. Learning Objectives

5. Students can identify social functions, the structure of the text, and linguistic elements in simple descriptive text.
6. Students can understand the content of descriptive text.
7. Students can read the descriptive text with the correct pronunciation.
8. Students can answer the questions about descriptive text.

N. Learning Material

My New Table

Identification	I have a new table. I get it from my mom and I love it. I get this table because I became the first rank in my class.
Description(s)	My table is brown and it is from jati wood. Its height is around 1 meter. I put my school book, do my homework and read a book on that table. I always use it when I study.

Vocabularies:

- Get : mendapatkan
- First rank : ranking pertama
- Wood : kayu
- Put : meletakkan
- Homework : PR

Language feature of descriptive text

- f) Focus on specific participant or noun (e. g. Classroom, door, table, window, etc)
- g) Use of attributive and identifying process. They are used to describe the characteristic of the topic and the parts. The characteristic can be the size, color, or the quality. (e.g. Big, blue, clean, etc.)
- h) Noun phrase. They are combination of adjectives and nouns. (e.g. a big and clean classroom, two brown doors)
- i) Verbs. The verbs usually used in a description are “have” (have, has) and “to be” (am, is, are).

j) The tense is simple present tense.¹

O. Learning Method

Lecturing Method

P. Learning media

- 4) Media
 - Power point.
- 5) Tool
 - Whiteboard and boardmarker.
- 6) Learning Resources
 - English On SKY 1 for Junior High School Students Grade VII

Q. Steps of Learning Activities

d) Opening

Teacher	Students	Time
• Greets students	• Respond the greeting	5”
• Persuades the students to pray	• Pray together with teacher	
• Checking attendance	• Respond the presence	
• Asking the basic questions about the material will be given	Pay attention and try to answer the questions given	
• Explains the rule of the game	Pay attention	

e) Core activities

Teacher	Students	Time
f. Observing		
• At the beginning the teacher delivers learning materials in the classroom	• Students pay attention and understand the material presented by the teacher	10”

¹ Mukarto, et.all., *English On SKY 1 for Junior High School Students Year VII*, (Jakarta: Erlangga, 2007), p. 140-141

g. Questioning		
<ul style="list-style-type: none"> Asks the student to make some questions related the material 	<ul style="list-style-type: none"> Ask some questions related the material 	5"
h. Exploring		
<ul style="list-style-type: none"> Teacher reads and explains the material to the students Asks the students to read the text 	<ul style="list-style-type: none"> Students listen to the teacher about the material explained Students read the text and try to understand 	5"
i. Associating		
<ul style="list-style-type: none"> Gives some questions to the students Asks student to answer the questions individually Asks the students to open the dictionary by theirselves if there is a difficult word 	<ul style="list-style-type: none"> Students get the questions from the teacher Students answer the questions individually Students open the dictionary when they find a difficult word 	7"
j. Communicating		
<ul style="list-style-type: none"> Asks representative students to come forward and presentate their answer 	<ul style="list-style-type: none"> The representative of students come forward to presentate their answer 	5"
<ul style="list-style-type: none"> Pays attention and correct students' answer undertaken by the students 	<ul style="list-style-type: none"> Students pay attention. 	

f) Closing

Teacher	Students	Time
<ul style="list-style-type: none"> Makes a conclusion about the material. 	<ul style="list-style-type: none"> With the teacher make a conclusion. 	3 minutes

- | | | |
|---|--|--------------------------|
| <ul style="list-style-type: none">• Ask the student to Close the lesson by praying. | <ul style="list-style-type: none">• Pray together. | <input type="checkbox"/> |
|---|--|--------------------------|

Semarang, 16th of April 2016

Head Master of MTs N Keling



Drs. H. Miftakhudin, M.Pd.I
NIP. 196507021992031004

Researcher



Lia Khoirotin Nida
123411060

LESSON PLAN (Control Class 2)

School : Islamic Junior High School Keling
Subject : English
Material : Descriptive Text
Class / Semester : VII F/ II
Skill : Reading
Time allotment : 40 Minutes (1x meeting)

R. Core Competence

9. Menghargai dan menghayati ajaran agama yang dianutnya
10. Menghargai dan menghayati perilaku jujur, disiplin, tanggungjawab, peduli (toleransi, gotong royong), santun, percaya diri, dalam berinteraksi secara efektif dengan lingkungan sosial dan alam dalam jangkauan pergaulan dan keberadaannya.
11. Memahami pengetahuan (faktual, konseptual, dan prosedural) berdasarkan rasa ingin tahunya tentang ilmu pengetahuan, teknologi, seni, budaya terkait fenomena dan kejadian tampak mata.
12. Mencoba, mengolah, dan menyaji dalam ranah konkret (menggunakan, mengurai, merangkai, memodifikasi, dan membuat) dan ranah abstrak (menulis, membaca, menghitung, menggambar, dan mengarang) sesuai dengan yang dipelajari di sekolah dan sumber lain yang sama dalam sudut pandang/teori.

S. Basic Competence

- 12.12. Menangkap makna dalam teks deskriptif lisan dan tulis, sangat pendek dan sederhana.

T. Indicators

5. Understand the content of descriptive text.
6. Read the descriptive text with the correct pronunciation.
7. Answer the questions about descriptive text.
8. Identify social functions, the structure of the text, and linguistic elements in simple descriptive text.

U. Learning Objectives

At the end of the lesson, students are able to:

9. Understand the content of descriptive text.
10. Read the descriptive text with the correct pronunciation.
11. Answer the questions about descriptive text.
12. Identify social functions, the structure of the text, and linguistic elements in simple descriptive text.

V. Learning Material

My Blewuk

Identification	I have some pets, the name is Blewuk. Blewuk is a nice playmate . I am happy to spend my time with him.
Description(s)	Blewuk is a male cat. I call it Blewuk because his fur is grey. He is adorable with his soft stripes. He has innocent round eyes and feeble sweet voice. He always meow when he feels hungry. Actually his voice is not suitable with his giant body. When I come home, he usually gives me a kiss. Most of the time, he's a good boy. It's almost impossible for me to be angry with him. In the morning he always wakes me up early. When he wakes up early, he waits quietly beside me until I wake up.

Vocabularies:

Fur	: Bulu	Feeble	: Lemah
Adorable	: Manis/menarik	Wake up	: Bangun
Stripe	: Belang	Playmate	: Teman bermain
Hungry	: Lapar	Beside	: disamping

Language feature of descriptive text

- k) Focus on specific participant or noun (e. g. Classroom, door, table, window, etc)
- l) Use of attributive and identifying process. They are used to describe the characteristic of the topic and the parts. The characteristic can be the size, color, or the quality. (e.g. Big, blue, clean, etc.)
- m) Noun phrase. They are combination of adjectives and nouns. (e.g. a big and clean classroom, two brown doors)
- n) Verbs. The verbs usually used in a description are “have” (have, has) and “to be” (am, is, are).
- o) The tense is simple present tense.

W. Learning Method

Lecturing Method

X. Learning media

- 7) Media
 - Power point.
- 8) Tool
 - Whiteboard, boardmarker, and tournament table.
- 9) Learning Resources
 - English On SKY 1 for Junior High School Students Grade VII

Y. Steps of Learning Activities

g) Opening

Teacher	Students	Time
• Greets students	• Respond the greeting	5”
• Persuades the students to pray	• Pray together with teacher	
• Checking attendance	• Respond the presence	
• Asking the basic questions about the material will be given	Pay attention and try to answer the questions given	
• Explains the rule of the game	Pay attention	

h) Core activities

Teacher	Students	Time
k. Observing		
<ul style="list-style-type: none"> At the beginning the teacher delivers learning materials in the classroom 	<ul style="list-style-type: none"> Students pay attention and understand the material presented by the teacher 	10''
l. Questioning		
<ul style="list-style-type: none"> Asks the student to make some questions related the material 	<ul style="list-style-type: none"> Ask some questions related the material 	5''
m. Exploring		
<ul style="list-style-type: none"> Teacher reads and explains the material to the students Asks the students to read the text 	<ul style="list-style-type: none"> Students listen to the teacher about the material explained Students read the text and try to understand 	5''
n. Associating		
<ul style="list-style-type: none"> Gives some questions to the students Asks student to answer the questions individually Asks the students to open the dictionary by their selves if there is a difficult word 	<ul style="list-style-type: none"> Students get the questions from the teacher Students answer the questions individually Students open the dictionary when they find a difficult word 	7''
o. Communicating		
<ul style="list-style-type: none"> Asks representative students to come forward and presentate their answer 	<ul style="list-style-type: none"> The representative of students come forward to presentate their answer 	5''
<ul style="list-style-type: none"> Pays attention and correct students' answer undertaken by the students 	<ul style="list-style-type: none"> Students pay attention. 	

i) Closing

Teacher	Students	Time
<ul style="list-style-type: none">• Makes a conclusion about the material.	<ul style="list-style-type: none">• With the teacher make a conclusion.	3 minutes
<ul style="list-style-type: none">• Ask the student to Close the lesson by praying.	<ul style="list-style-type: none">• Pray together.	

Semarang, 20th of April 2016



Head Master of MTs N Keling

Drs. H. Miftakhudin, M.Pd.I

NIP. 196507021992031004

Researcher

Lia Khoirotn Nida

123411060

Appendix 17

DOCUMENTATION



Try Out Test (VIII B)
Students did the try-out test



Pre Test of Experimental and Control Class
Students did the pre-test



Students worked in a group



Treatment in Control Class
Researcher explained the material
(Descriptive text)



Researcher used a white board
as a medium in giving material
to Control Class



Post Test of Experimental and
Control Class



With the English teacher
and member of VII F



LABORATORIUM MATEMATIKA
JURUSAN PENDIDIKAN MATEMATIKA
FAKULTAS SAINS DAN TEKNOLOGI
UIN WALISONGO SEMARANG

Jl. Prof. Dr. Hamka Ronggo 2 Gg. Loh. MTs Terpadu 113 | 761283 Fax. 761337 Semarang 50132

PENELITI : Lia Khulrotin Nida
NIM : 123411060
JURUSAN : Pendidikan Bahasa Inggris
JUDUL : THE EFFECTIVENESS OF TEAMS GAMES TOURNAMENT
LEARNING MODEL TO IMPROVE STUDENTS' MASTERY IN
READING DESCRIPTIVE TEXT
(An Experimental Study at the Seventh Grade of MTs N Keling
Jepara in the Academic Year of 2015/ 2016)

HIPOTESIS :

a. Hipotesis Varians :

Ho : Varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah identik.

Ha : Varians rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah tidak identik.

b. Hipotesis Rata-rata :

Ho : Rata-rata hasil belajar siswa kelas eksperimen \leq kontrol.

Ha : Rata-rata hasil belajar siswa kelas eksperimen $>$ kontrol.

DASAR PENGAMBILAN KEPUTUSAN :

Ho DITERIMA, jika nilai $t_{hitung} \leq t_{tabel}$

Ho DITOLAK, jika nilai $t_{hitung} > t_{tabel}$

HASIL DAN ANALISIS DATA :

Group Statistics

	kelas	N	Mean	Std. Deviation	Std. Error Mean
nilai awal	eksp	30	55.6333	12.91480	2.35791
	kont	31	56.2903	11.71370	2.10386
nilai akhir	eksp	30	73.9667	7.32414	1.44674
	kont	31	68.6129	8.38713	1.50617

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
nilai awal	Equal variances assumed	.991	.324	-.308	59	.830	-.85689	3.15493	6.97000	5.85602
	Equal variances not assumed			-.208	58.012	.830	-.85689	3.16006	6.98250	5.86652
nilai akhir	Equal variances assumed	.250	.620	2.081	109	.042	4.35376	2.09191	16780	8.53968
	Equal variances not assumed			2.083	68.964	.042	4.35376	2.08889	17180	8.53968

1. Pada kolom *Levenes Test for Equality of Variances*, diperoleh nilai $sig. = 0,592$. Karena $sig. = 0,592 \geq 0,05$, maka H_0 DITERIMA, artinya kedua variansi rata-rata hasil belajar siswa kelas eksperimen dan kontrol adalah identik.
2. Karena identiknya variansi rata-rata hasil belajar siswa kelas eksperimen dan kontrol, maka untuk membandingkan rata-rata antara rata-rata hasil belajar siswa kelas eksperimen dan kontrol dengan menggunakan t-test adalah menggunakan dasar nilai t_{hitung} pada basis pertama (*Equal variances assumed*), yaitu $t_{hitung} = 2,081$.
3. Nilai $t_{tabel} (59;0,05) = 1,671$ (*one tail*). Berarti nilai $t_{hitung} = 2,081 > t_{tabel} = 1,671$, hal ini berarti H_0 DITOLAK, artinya : Rata-rata hasil belajar siswa kelas eksperimen lebih baik dari rata-rata hasil belajar siswa kelas kontrol.

Semarang, 6 September 2016

Ketua Jurusan Pemd. Matematika,



Rahyuningtiasri, M.Sc.

NIP. 19630715 200501 2 008



KEMENTERIAN AGAMA
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Jl. Prof. Dr. Hamka Km 2 (024) 7601295 Fax. 7615387 Semarang 50185

Nomor : In.06.03/J4/PP.00.9/4665/2015

Semarang, 26 Oktober 2015

Lamp : -

Hal : Penunjukan Pembimbing Skripsi

Kepada Yth:

Nuna Mustikawati, M. Pd

Assalamu'alaikum Wc, Wb.

Berdasarkan hasil pembahasan usulan judul penelitian di Jurusan Pendidikan Bahasa Inggris (PBI), maka Fakultas Ilmu Tarbiyah dan Keguruan menyetujui judul skripsi mahasiswa:

Nama : Lis Khoiretin Nida

NIM : 123411060

Judul : The Effectiveness of Teams Games Tournament Learning Model to Improve Students' Mastery in Reading Descriptive Text

Dan menunjuk saudara:

Nuna Mustikawati, M. Pd

(Sebagai Pembimbing)

Demikian penunjukan pembimbing skripsi ini disampaikan, dan atas kerjasamanya, kami ucapkan terimakasih.

Wassalamu'alaikum Wr. Wb.



Tembusan disampaikan kepada Yth:

1. Dekan Fakultas Ilmu Tarbiyah dan Keguruan UIN Walisongo Semarang
2. Mahasiswa yang bersangkutan



KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI WALISONGO SEMARANG
FAKULTAS ILMU TARBIYAH DAN KEGURUAN

Jl. Prof. Dr. Hamka Kampus II Ngaliyan Telp.7601295 Fax. 7615987 Semarang 50185

Nomor : Un.10.3/D.1/TL.00/1479/2016 Semarang, 8 April 2016
Lamp :-
Hal : Mohon Izin Riset

Kepada Yth.
Kepala MTs Negeri Keling
Di Jepara

Assalamua'alaikum Wr.Wb.

Diberitahukan dengan hormat dalam rangka penulisan skripsi, bersama ini kami hadapkan mahasiswa :


Nama : Lia Khoirotin Nida
NIM : 123411060
Alamat : Ds. Jlegong Kec. Keling Kab. Jepara
Judul Skripsi : The Effectiveness Of Teams Games Tournament Learning Model To Improve Students' Mastery In Reading Descriptive Text (An Experimental Study at the Seventh Grade of MTs N Keling Jepara in the Academic Year of 2015/ 2016)
Pembimbing : Dra. Nuna Mustikawati Dewi, M. Pd

Bahwa mahasiswa tersebut membutuhkan data-data dengan tema/judul skripsi yang sedang disusunnya, dan oleh karena itu kami mohon Mahasiswa tersebut diizinkan melaksanakan riset selama 20 hari, pada tanggal 11 April 2016 sampai dengan 30 April 2016.

Demikian atas perhatian dan kerjasama Bapak/Ibu/Sdr. disampaikan terimakasih.

Wassalamu'alaikum Wr.Wb.

An. Dekan,
Wakil Dekan Bidang Akademik


Dr. H. Fatah Syukur, M.Ag.
NIP. 19681212 199403 1 00

Tembusan: Dekan Fakultas Ilmu Tarbiyah dan Keguruan UIN Walisongo Semarang
(sebagai laporan)



KEMENTERIAN AGAMA
MADRASAH TSANAWIYAH NEGERI KELING
Alamat : Jlegong Keling Jepara Telp. (0291) 579438
Kode Pos : 59454 E-mail : mtskeling@kemenag.go.id

SURAT KETERANGAN

No: 159/MTs.II.20.91/PP.005/04/2016

Yang bertandatangan di bawah ini, Kepala MTs. Negeri Keling menerangkan bahwa :

Nama : Lia Khoirotn Nida
NIM : 123411060
Fakultas : Ilmu Tarbiyah dan Keguruan
Jurusan : Pendidikan Bahasa Inggris

telah selesai melaksanakan penelitian skripsi dengan judul: **"The Effectiveness Of Teams Games Tournament Learning Model To Improve Students' Mastery In Reading Descriptive Text (An Experimental Study At The Seventh Grade Of MTs. Negeri Keling Jepara In The Academic Year Of 2015/ 2016)"** dari tanggal 11 April 2016 sampai 30 April 2016, di kelas VII dan VIII MTs. Negeri Keling.

Demikian surat keterangan ini dibuat, untuk dapat dipergunakan sebagaimana mestinya.

Keling, 31 April 2016

Kepala Madrasah,



M. Miftakhudin, M.Pd.I

NIP. 19650702 199203 1 004



KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI WALISONGO
LEMBAGA PENELITIAN DAN PENGABDIAN
KEPADA MASYARAKAT (LP2M)

B. Walisongo No. 3-5 Semarang 50185 telp/fax: 0241 7615903 email: lp2m.walisongo@ yahoo.com

PIAGAM

Nomor : Un.06.0/L.1/PP.03.06/375/2016

Lembaga Penelitian dan Pengabdian kepada Masyarakat (LP2M) Universitas Islam Negeri (UIN) Walisongo Semarang, menerangkan bahwa :

Nama : **LIA KHOIROTIN NIDA**
NIM : **123411060**
Fakultas : **ILMU TARBIYAH DAN KEGURUAN**

Telah melaksanakan kegiatan Kuliah Kerja Nyata (KKN) Reguler Angkatan ke-66 Semester Genap Tahun Akademik 2015/2016 di Kabupaten Pati, dengan nilai :

81 (..... 4,0 / A)

Semarang, 21 Juni 2016



Dr. H. Sholihan, M.Ag.
9600604.1994021004

CURRICULUM VITAE

Name : Lia Khoirotin Nida

Birth : Jepara, 19th Desember 1993

Student number :123411060

Address :Ds. Jlegong RT.04/ RW.02 Keling, Jepara,
59454

HP : 085 741 399 511

Academic Background :

1. TK Miftahul Huda, Keling, Jepara
2. MI Miftahul Huda, Keling, Jepara
3. MTs N Keling, Jepara
4. MAN 2 Kudus
5. UIN Walisongo Semarang