

APPENDIX I

The English Score of the Students based on the Report of the First Semester

No	CLASS II-8	CLASS II-7
1	5	6
2	4	5
3	5	4
4	6	5
5	5	5
6	5	6
7	5	4
8	7	5
9	5	5
10	7	8
11	8	8
12	4	6
13	6	6
14	4	5
15	4	7
16	6	6
17	6	4
18	7	7
19	8	7
20	7	6
21	7	4
22	5	6
23	7	6
24	7	7
25	6	7
26	6	5
27	4	8
28	8	6
29	6	5
30	5	6
31	5	6
32	7	8
33	6	4
34	5	5
35	7	7
36	6	5
37	6	4
38	7	5
39	7	6
40	6	7

The Calculation for the English Scores on the Reports

No	CLASS II-8		CLASS II-7	
	(XA)	X ² A	(XB)	X ² B
1	5	25	6	36
2	4	16	5	25
3	5	25	4	16
4	6	36	5	25
5	5	25	5	25
6	5	25	6	36
7	5	25	4	16
8	7	49	5	25
9	5	25	5	25
10	7	49	8	64
11	8	64	8	64
12	4	16	6	36
13	6	36	6	36
14	4	16	5	25
15	4	16	7	49
16	6	36	6	36
17	6	36	4	16
18	7	49	7	49
19	8	64	7	49
20	7	49	6	36
21	7	49	4	16
22	5	25	6	36
23	7	49	6	36
24	7	49	7	49
25	6	36	7	49
26	6	36	5	25
27	4	16	8	64
28	8	64	6	36
29	6	36	5	25
30	5	25	6	36
31	5	25	6	36
32	7	49	8	64
33	6	36	4	16
34	5	25	5	25
35	7	49	7	49
36	6	36	5	25
37	6	36	4	16
38	7	49	5	25
39	7	49	6	36
40	6	36	7	49
Total	237	1457	232	1402
n	40	—	40	—
Mean	5.925	—	5.8	—
SD	1.16327345	—	1.20256137	—

THE STUDENTS' ENGLISH REPORT

TEST OF HYPOTHESES:

1. Ho : $\mu_A = \mu_B$, there is no significant difference between the mean classes.
Ha: $\mu_A \neq \mu_B$, there is significant difference between the mean classes.

2. t-test, where $df = n_A + n_B - 2 = 78$
 $t(5\%/2) = 2.00$

3. Calculation for t observation (to) :

A : CLASS II-8

$$\bar{x} = \frac{\sum x}{n} = 5.925 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 1.1633$$

B : CLASS II-7

$$\bar{x} = \frac{\sum x}{n} = 5.8 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 1.2026$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s_A^2 + (n_B - 1)s_B^2}{n_A + n_B - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.473$$

4. Conclusion:

Because t observation is less than t-table, thus Ho is accepted
Hence we conclude that at the level of 5% there is no significant difference between the classes.

FIRST TREATMENT

A. Using Picture Series with written Questions

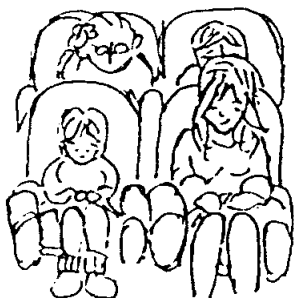
Jimmy Goes To New York



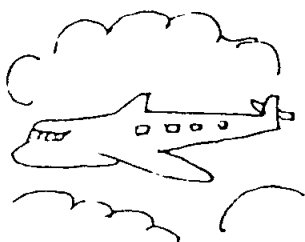
1. Where are Jimmy and aunt Abby?
2. What are they talking about?



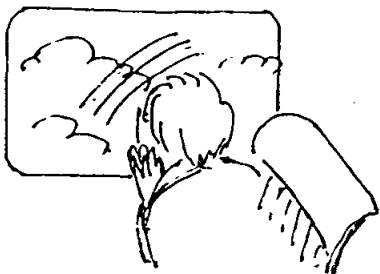
3. Who is the woman welcoming them?
4. What does the woman do?



5. What do Jimmy and the passenger do?



6. Now, where are they?

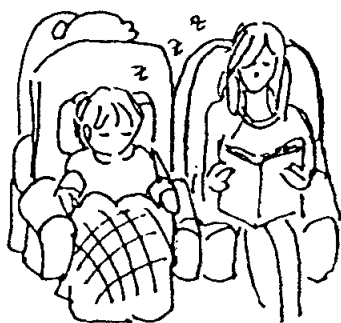


7. What does Jimmy see from the window?



8. After a while, what does the stewardess do?

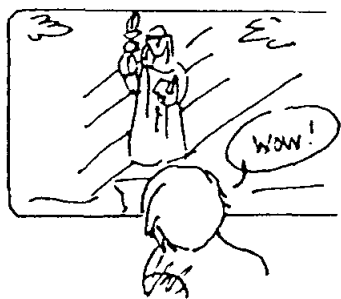
9. What do Jimmy and aunt Abby do?



10. After that, what does Jimmy do?

11. What about aunt Abby?

What does she do?



12. Why does Jimmy look at the window?

What is that?

APPENDIX II

The Experiment Result based on the First Treatment (II-8)

No	Treatment 1		
	R 1	R 2	X
1	53	60	57
2	59	53	56
3	50	55	53
4	48	51	50
5	53	49	51
6	60	54	57
7	64	72	68
8	71	72	72
9	53	56	55
10	73	74	74
11	75	73	74
12	50	54	52
13	53	59	56
14	55	49	52
15	46	48	47
16	50	52	51
17	57	64	61
18	53	49	51
19	69	73	71
20	60	68	64
21	50	56	53
22	61	63	62
23	58	62	60
24	60	64	62
25	53	61	57
26	52	58	55
27	56	53	55
28	74	70	72
29	66	62	64
30	52	61	57
31	65	70	68
32	72	76	74
33	64	64	64
34	63	61	62
35	80	76	78
36	53	57	55
37	61	69	65
38	65	63	64
39	55	55	55
40	75	73	74

where, R 1: Rater 1
R 2: Rater 2
X : Mean

B. Using List of Vocabulary with Headings

Headings:

- Jimmy and aunt Abby are in the airport.
- They are entering the entrance gate.
- They listen to the stewardess' instruction.
- They are enjoying the flight.
- Jimmy views the scenery from the plane.
- The stewardess approach to the passengers.
- Jimmy looks at The Statue of Liberty from the plane's window.

List of words:

entrance gate: pintu masuk

stewardess: pramugari

statue: patung

fasten: mengencangkan

flight: penerbangan

view: melihat

seatbelt: sabuk pengaman

offer: menawari

scenery: pemandangan

meal: makanan

blanket: selimut

enjoy: menikmati

The Experiment Result based on the First Treatment (II-7)

No	Treatment 1		
	R 1	R 2	X
1	61	57	59
2	60	64	62
3	53	55	54
4	63	55	59
5	59	53	56
6	59	59	59
7	62	63	63
8	72	70	71
9	62	60	61
10	73	65	69
11	65	64	65
12	52	46	49
13	59	58	59
14	46	50	48
15	62	58	60
16	61	63	62
17	49	47	48
18	62	66	64
19	52	58	55
20	59	63	61
21	79	73	76
22	64	68	66
23	65	63	64
24	64	63	64
25	60	56	58
26	48	47	48
27	62	58	60
28	51	48	50
29	69	70	70
30	63	59	61
31	70	64	67
32	65	61	63
33	57	59	58
34	73	74	74
35	59	61	60
36	54	50	52
37	65	59	62
38	51	47	49
39	62	60	61
40	51	52	52

where, R 1: Rater 1
R 2: Rater 2
X : Mean

The Calculation for Two Means First Treatment

No	CLASS II-8		CLASS II-7	
	(XA)	X ² A	(XB)	X ² B
1	57	3249	59	3481
2	56	3136	62	3844
3	53	2809	54	2916
4	50	2500	59	3481
5	51	2601	56	3136
6	57	3249	59	3481
7	68	4624	63	3969
8	72	5184	71	5041
9	55	3025	61	3721
10	74	5476	69	4761
11	74	5476	65	4225
12	52	2704	49	2401
13	56	3136	59	3481
14	52	2704	48	2304
15	47	2209	60	3600
16	51	2601	62	3844
17	61	3721	48	2304
18	51	2601	64	4096
19	71	5041	55	3025
20	64	4096	61	3721
21	53	2809	76	5776
22	62	3844	66	4356
23	60	3600	64	4096
24	62	3844	64	4096
25	57	3249	58	3364
26	55	3025	48	2304
27	55	3025	60	3600
28	72	5184	50	2500
29	64	4096	70	4900
30	57	3249	61	3721
31	68	4624	67	4489
32	74	5476	63	3969
33	64	4096	58	3364
34	62	3844	74	5476
35	78	6084	60	3600
36	55	3025	52	2704
37	65	4225	62	3844
38	64	4096	49	2401
39	55	3025	61	3721
40	74	5476	52	2704
Total	2428	150038	2399	145817
n	40	---	40	---
Mean	60.7	---	59.975	---
SD	8.256155435	---	7.0474127	---

THE FIRST TREATMENT (JIMMY GOES TO NEW YORK)

TEST OF HYPOTHESES:

1. H_0 : $\mu_A = \mu_B$, there is no significant difference between the Mean classes.

H_a : $\mu_A > \mu_B$, there is significant difference between the Mean classes.

2. t-test, where $df = n_A + n_B - 2 = 78$

$$t(5\%) = 1.671$$

3. Calculation for t observation (t_o) :

A : CLASS II-8

$$\bar{x} = \frac{\sum x}{n} = 60.7 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 8.2562$$

B : CLASS II-7

$$\bar{x} = \frac{\sum x}{n} = 59.975 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 7.0474$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s_A^2 + (n_B - 1)s_B^2}{n_A + n_B - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.422$$

4. Conclusion:

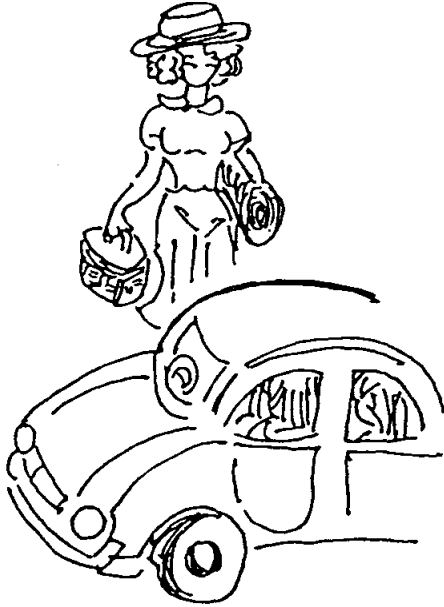
Because t observation is less than t-table, thus H_0 is accepted.

Hence we conclude that at the level of 5% there is no significant difference between the classes.

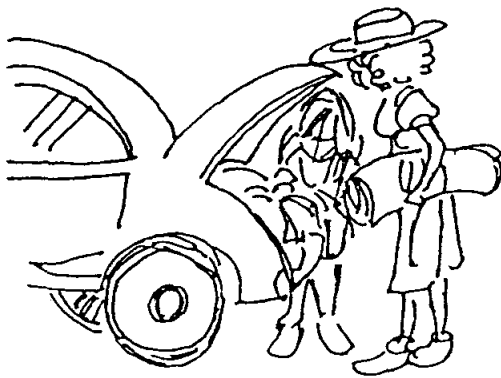
SECOND TREATMENT

A. Using Picture Series with written Questions

Country Picnic



1. What is she going to do?
2. How many people are there in the car?
Who are they?



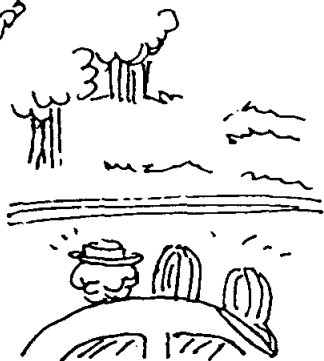
3. What are they doing?
4. What things do they bring?



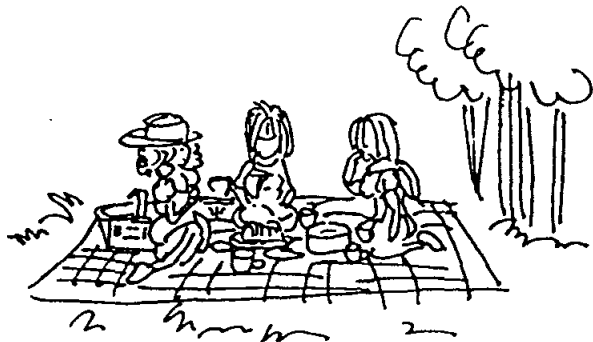
5. After that, where does the car go?



6. Why does the car stop?
What are in front of the car?



7. Suddenly, they look over the trees
across the road.
What do they find?
Is it a nice place for picnic?



8. After that, what are they doing?
What do they have for picnic?



9. Then, what's happened?
10. What do they do?



11. What do they do next?
12. Do they still have their picnic?

APPENDIX III

The Experiment Result based on the Second Treatment (II-8)

No	Treatment 2		X
	R 1	R 2	
1	56	50	53
2	52	56	54
3	53	52	53
4	59	61	60
5	49	57	53
6	60	60	60
7	51	53	52
8	57	66	62
9	58	62	60
10	70	74	72
11	74	66	70
12	56	60	58
13	51	59	55
14	59	55	57
15	56	52	54
16	57	53	55
17	52	54	53
18	59	57	58
19	68	76	72
20	56	51	54
21	52	54	53
22	57	66	62
23	60	64	62
24	62	66	64
25	50	46	48
26	61	63	62
27	53	57	55
28	73	67	70
29	70	70	70
30	60	62	61
31	54	60	57
32	66	74	70
33	64	60	62
34	60	56	58
35	71	73	72
36	64	57	61
37	71	65	68
38	66	60	63
39	60	64	62
40	63	61	62

where, R 1: Rater 1
R 2: Rater 2
X: Mean

B. List of Vocabulary with Headings

Headings:

- They go on a picnic.
- Jill helps her mom put the picnic basket in the back of the car.
- It is a perfect day for a drive.
- They arrive in the country.
- It is raining.
- They decide to have a picnic in the car.

List of words:

country: luar kota/pedesaan

basket: keranjang

blanket: kain/taplak

for a drive: perjalanan

arrange: menata

over by: disamping

food and beverage: makanan dan minuman

interesting: menarik

decide: memutuskan

fun: menyenangkan

put: menaruh

begin: mulai

The Experiment Result based on the Second Treatment (II-7)

No	Treatment 2		
	R 1	R 2	X
1	53	49	51
2	50	50	50
3	51	57	54
4	60	56	58
5	63	57	60
6	59	51	55
7	60	60	60
8	58	62	60
9	59	60	60
10	70	66	68
11	70	69	70
12	52	56	54
13	50	53	52
14	53	51	52
15	62	56	59
16	53	56	55
17	51	51	51
18	67	68	68
19	61	55	58
20	52	61	57
21	61	59	60
22	70	69	70
23	61	63	62
24	67	61	64
25	58	64	61
26	50	49	50
27	68	64	66
28	51	58	55
29	65	63	64
30	54	53	54
31	64	64	64
32	66	62	64
33	62	58	60
34	75	77	76
35	66	65	66
36	58	64	61
37	53	55	54
38	54	50	52
39	70	66	68
40	53	52	53

where, R 1: Rater 1
R 2: Rater 2
X: Mean

The Calculation for Two Means Second Treatment

No	CLASS II-8		CLASS II-7	
	(XA)	X ² A	(XB)	X ² B
1	53	2809	51	2601
2	54	2916	50	2500
3	53	2809	54	2916
4	60	3600	58	3364
5	53	2809	60	3600
6	60	3600	55	3025
7	52	2704	60	3600
8	62	3844	60	3600
9	60	3600	60	3600
10	72	5184	68	4624
11	70	4900	70	4900
12	58	3364	54	2916
13	55	3025	52	2704
14	57	3249	52	2704
15	54	2916	59	3481
16	55	3025	55	3025
17	53	2809	51	2601
18	58	3364	68	4624
19	72	5184	58	3364
20	54	2916	57	3249
21	53	2809	60	3600
22	62	3844	70	4900
23	62	3844	62	3844
24	64	4096	64	4096
25	48	2304	61	3721
26	62	3844	50	2500
27	55	3025	66	4356
28	70	4900	55	3025
29	70	4900	64	4096
30	61	3721	54	2916
31	57	3249	64	4096
32	70	4900	64	4096
33	62	3844	60	3600
34	58	3364	76	5776
35	72	5184	66	4356
36	61	3721	61	3721
37	68	4624	54	2916
38	63	3969	52	2704
39	62	3844	68	4624
40	62	3844	53	2809
Total	2407	146457	2376	142750
n	40	—	40	—
Mean	60.175	—	59.4	—
SD	6.436623976	—	6.4362754	—

THE SECOND TREATMENT (COUNTRY PICNIC)

TEST OF HYPOTHESES:

1. H_0 : $\mu_A = \mu_B$, there is no significant difference between the mean classes.

H_a : $\mu_A > \mu_B$, there is significant difference between the mean classes.

2. t-test, where $df = n_A + n_B - 2 = 78$

$$t(5\%) = 1.671$$

3. Calculation for t observation (t_o) :

A : CLASS II-8

$$\bar{x} = \frac{\sum x}{n} = 60.175 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 6.4366$$

B : CLASS II-7

$$\bar{x} = \frac{\sum x}{n} = 59.4 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 6.4363$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s_A^2 + (n_B - 1)s_B^2}{n_A + n_B - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.538$$

4. Conclusion:

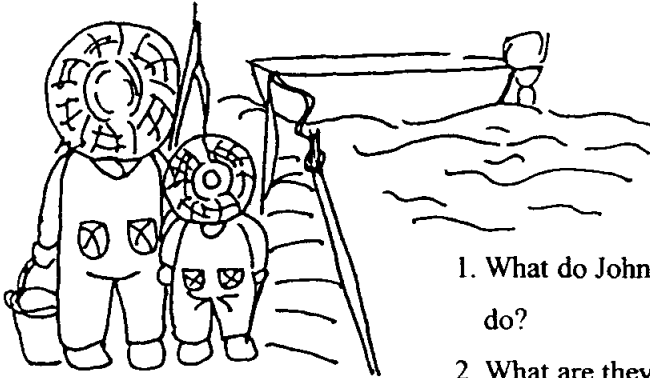
Because t observation is less than t-table, thus H_0 is accepted.
Hence we conclude that at the level of 5% there is no significant difference between the classes.

APPENDIX IV

THIRD TREATMENT

A. Using Picture Series with written Questions

Fishing on the Bay



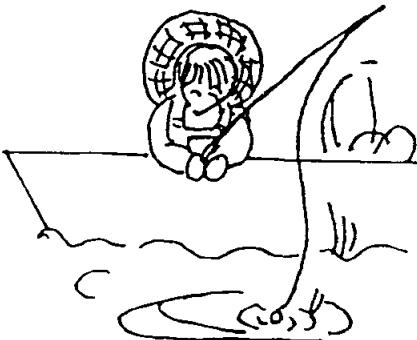
1. What do John and grandpa Hank do?
2. What are they bringing?



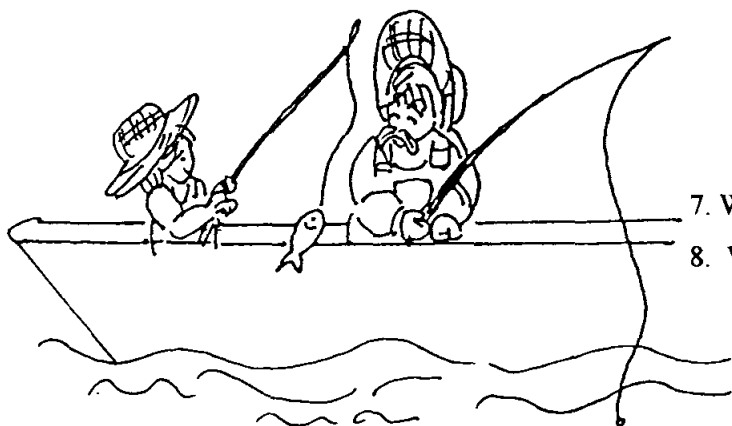
3. Where are they now?
Where are they going?



4. What are they doing?
5. Do they catch fish?



6. Suddenly, the hook is trembling.
What's happened?



7. Why does John look happy?
8. What does grandpa Hank say?



9. After a while, why does grandpa Hank yell?
10. Is it a big fish?



11. What does John do?



12. What are they going to do with the fish?

The Experiment Result based on the Third Treatment (II-8)

No	Treatment 3		
	R 1	R 2	X
1	49	53	51
2	56	50	53
3	50	52	51
4	52	56	54
5	60	60	60
6	64	56	60
7	59	65	62
8	66	60	63
9	57	63	60
10	75	69	72
11	64	60	62
12	57	61	59
13	62	54	57
14	60	58	59
15	58	54	56
16	53	59	56
17	62	62	62
18	66	58	62
19	70	74	72
20	61	63	62
21	61	59	60
22	56	60	58
23	58	66	62
24	63	65	64
25	59	61	60
26	60	66	60
27	57	53	55
28	70	74	72
29	62	62	62
30	59	61	60
31	62	62	62
32	65	74	70
33	70	70	70
34	53	59	56
35	72	72	72
36	59	57	58
37	59	64	62
38	62	58	60
39	69	63	66
40	72	73	73

where, R 1: Rater 1
R 2: Rater 2
X: Mean

B. List of Vocabulary with Headings

Headings:

- John and grandpa Hank decide to go out for fishing.
- They go fishing by boat.
- They know the right spot.
- They put bait on their hook.
- They decide to go home in the evening.

List of words:

bay: teluk

fishing: memancing

boat: perahu

right spot: tempat yang tepat

bait: umpan

hook: kail

throw: melempar

bite: menggigit

catch: menangkap

outdoors: diluar rumah

put: memaukkan

bucket: ember

carry: membawa

equipment: peralatan

The Experiment Result based on the Third Treatment (II-7)

No	Treatment 3		
	R 1	R 2	X
1	60	60	60
2	62	58	60
3	53	58	56
4	63	69	66
5	65	67	66
6	60	53	57
7	60	54	57
8	58	60	59
9	70	62	66
10	62	66	64
11	80	84	82
12	60	56	58
13	58	58	58
14	52	50	51
15	60	56	58
16	59	57	58
17	51	53	53
18	66	63	65
19	61	59	60
20	69	63	66
21	74	65	70
22	70	70	70
23	67	69	68
24	71	69	70
25	70	74	72
26	49	51	50
27	63	61	62
28	62	62	62
29	60	68	64
30	66	62	64
31	72	71	72
32	61	53	57
33	59	57	58
34	70	74	72
35	67	73	70
36	51	56	54
37	50	54	52
38	51	51	51
39	64	60	62
40	49	55	52

where, R 1: Rater 1
R 2: Rater 2
X: Mean

The Calculation for Two Means Third Treatment

No	CLASS II-8		CLASS II-7	
	(XA)	X ² A	(XB)	X ² B
1	51	2601	60	3600
2	53	2809	60	3600
3	51	2601	56	3136
4	54	2916	66	4356
5	60	3600	66	4356
6	60	3600	57	3249
7	62	3844	57	3249
8	63	3969	59	3481
9	60	3600	66	4356
10	72	5184	64	4096
11	62	3844	82	6724
12	59	3481	58	3364
13	57	3249	58	3364
14	59	3481	51	2601
15	56	3136	58	3364
16	56	3136	58	3364
17	62	3844	53	2809
18	62	3844	65	4225
19	72	5184	60	3600
20	62	3844	66	4356
21	60	3600	70	4900
22	58	3364	70	4900
23	62	3844	68	4624
24	64	4096	70	4900
25	60	3600	72	5184
26	60	3600	50	2500
27	55	3025	62	3844
28	72	5184	62	3844
29	62	3844	64	4096
30	60	3600	64	4096
31	62	3844	72	5184
32	70	4900	57	3249
33	70	4900	58	3364
34	56	3136	72	5184
35	72	5184	70	4900
36	58	3364	54	2916
37	62	3844	52	2704
38	60	3600	51	2601
39	66	4356	62	3844
40	73	5329	52	2704
Total	2455	151981	2472	154788
n	40	---	40	---
Mean	61.375	---	61.8	---
SD	5.785425987	---	7.1940146	---

THE THIRD TREATMENT (FISHING ON THE BAY)

TEST OF HYPOTHESES:

1. H_0 : $\mu_A = \mu_B$, there is no significant difference between the mean classes.

H_a : $\mu_A > \mu_B$, there is significant difference between the mean classes.

2. t-test, where $df = n_A + n_B - 2 = 78$
 $t(5\%) = 1.671$

3. Calculation for t observation (to) :

A : CLASS II-8

$$\bar{x} = \frac{\sum x}{n} = 61.375 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 5.7854$$

B : CLASS II-7

$$\bar{x} = \frac{\sum x}{n} = 61.8 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 7.194$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s_A^2 + (n_B - 1)s_B^2}{n_A + n_B - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.291$$

4. Conclusion:

Because t observation is less than t-table, thus H_0 is accepted.
 Hence we conclude that at the level of 5% there is no significant difference between the classes.

POST-TEST

Make a narrative composition of 'How do you spend your Christmas and New Year holidays' (Minimally 125 words)

APPENDIX V

The Experimental Result based on the Post-test (II-8)

No	Post-Test		
	R 1	R 2	X
1	53	57	55
2	53	53	53
3	55	50	53
4	57	61	59
5	75	69	72
6	62	62	62
7	58	62	60
8	70	63	67
9	66	70	68
10	70	70	70
11	74	65	70
12	61	62	62
13	62	62	62
14	59	62	61
15	50	55	53
16	59	59	59
17	60	58	59
18	56	62	59
19	72	72	72
20	58	66	62
21	61	57	59
22	67	69	68
23	65	59	62
24	68	64	66
25	56	62	59
26	68	64	66
27	64	64	64
28	62	66	64
29	73	75	74
30	65	71	68
31	70	70	70
32	68	72	70
33	58	60	59
34	50	55	53
35	73	75	74
36	61	57	59
37	59	59	59
38	72	68	70
39	58	60	59
40	70	74	72

where, R 1: Rater 1
R 2: Rater 2
X: Mean

The Experimental Result based on the Post-test (II-7)

No	Post-Test		
	R 1	R 2	X
1	62	56	59
2	64	58	61
3	55	58	57
4	53	57	55
5	66	65	66
6	68	62	65
7	66	61	64
8	68	60	64
9	66	63	65
10	68	71	70
11	78	75	77
12	62	58	60
13	68	60	64
14	60	54	57
15	60	62	61
16	58	57	58
17	58	55	57
18	66	74	70
19	64	60	62
20	66	66	66
21	64	57	61
22	66	71	69
23	64	63	64
24	66	66	66
25	64	66	65
26	53	57	55
27	66	66	66
28	70	68	69
29	68	67	68
30	60	66	63
31	65	61	63
32	64	58	61
33	66	57	62
34	70	65	68
35	66	62	64
36	57	56	57
37	60	66	63
38	64	60	62
39	64	56	60
40	58	50	54

where, R 1: Rater 1
R 2: Rater 2
X: Mean

The Calculation for Two Means Post-Test

No	CLASS II-8		CLASS II-7	
	(XA)	X ² A	(XB)	X ² B
1	55	3025	59	3481
2	53	2809	61	3721
3	53	2809	57	3249
4	59	3481	55	3025
5	72	5184	66	4356
6	62	3844	65	4225
7	60	3600	64	4096
8	67	4489	64	4096
9	68	4624	65	4225
10	70	4900	70	4900
11	70	4900	77	5929
12	62	3844	60	3600
13	62	3844	64	4096
14	61	3721	57	3249
15	53	2809	61	3721
16	59	3481	58	3364
17	59	3481	57	3249
18	59	3481	70	4900
19	72	5184	62	3844
20	62	3844	66	4356
21	59	3481	61	3721
22	68	4624	69	4761
23	62	3844	64	4096
24	66	4356	66	4356
25	59	3481	65	4225
26	66	4356	55	3025
27	64	4096	66	4356
28	64	4096	69	4761
29	74	5476	68	4624
30	68	4624	63	3969
31	70	4900	63	3969
32	70	4900	61	3721
33	59	3481	62	3844
34	53	2809	68	4624
35	74	5476	64	4096
36	59	3481	57	3249
37	59	3481	63	3969
38	70	4900	62	3844
39	59	3481	60	3600
40	72	5184	54	2916
Total	2533	161881	2518	159408
n	40	---	40	---
Mean	63.325	---	62.95	---
SD	6.157703118	---	4.8035777	---

THE POST-TEST (MY CHRISTMAS AND NEW YEAR HOLIDAYS)

TEST OF HYPOTHESES:

1. H_0 : $\mu_A = \mu_B$, there is no significant difference between the mean classes.

H_a : $\mu_A > \mu_B$, there is significant difference between the mean classes.

2. t-test, where $df = n_A + n_B - 2 = 78$

$$t(5\%) = 1.671$$

3. Calculation for t observation (t_o) :

A : CLASS II-8

$$\bar{x} = \frac{\sum x}{n} = 63.325 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 6.1577$$

B : CLASS II-7

$$\bar{x} = \frac{\sum x}{n} = 62.95 \quad n = 40$$

$$s = \sqrt{\frac{n(x^2 - (\sum x)^2)}{n(n-1)}} = 4.8036$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s_A^2 + (n_B - 1)s_B^2}{n_A + n_B - 2} \left(\frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.304$$

4. Conclusion:

Because t observation is less than t-table, thus H_0 is accepted.

Hence we conclude that at the level of 5% there is no significant difference between the classes.

ESL COMPOSITION PROFILE

STUDENT: _____

DATE: _____

TOPIC: _____

	SCORE	LEVEL	CRITERIA
CONTENT	30-27	EXCELLENT TO VERY GOOD:	knowledgeable • substantive • thorough • development of thesis • relevant to assigned topic
	26-22	GOOD TO AVERAGE:	some knowledge of subject • adequate range • limited development of thesis • mostly relevant to topic, but lacks detail
	21-17	FAIR TO GOOD:	limited knowledge of subject • little substance • inadequate development of topic
	16-13	VERY POOR:	does not show knowledge of subject • non-substantive • not pertinent • OR not enough to evaluate
ORGANIZATION	20-18	EXCELLENT TO VERY GOOD:	fluent expression • ideas clearly stated/supported • succinct • well-organized • logical sequencing • cohesive
	17-14	GOOD TO AVERAGE:	somewhat choppy • loosely organized but main ideas stand out • limited support • logical but incomplete sequencing
	13-10	FAIR TO POOR:	non-fluent • ideas confused or disconnected • lacks logical sequencing and development
	9-7	VERY POOR:	does not communicate • no organization • OR not enough to evaluate
VOCABULARY	20-18	EXCELLENT TO VERY GOOD:	sophisticated range • effective word/idiom choice and usage • word form mastery • appropriate register
	17-14	GOOD TO AVERAGE:	adequate range • occasional errors of word/idiom form, choice, usage but meaning not obscured
	13-10	FAIR TO POOR:	limited range • frequent errors of word/idiom form, choice, usage • meaning confused or obscured
	9-7	VERY POOR:	essentially translation • little knowledge of English vocabulary, idioms, word form • OR not enough to evaluate
LANGUAGE USE	25-22	EXCELLENT TO VERY GOOD:	effective complex construction • few errors of agreement, tense, number, word order/function, articles, pronouns, prepositions.
	21-18	GOOD TO AVERAGE:	effective but simple construction • minor problems in complex construction • several errors of agreement, tense, number, word order/function, articles, pronouns, prepositions, but meaning seldom obscured
	17-11	FAIR TO GOOD:	major problems in simple/complex construction • frequent errors of negation, agreement, tense, number, word order/function, articles, pronouns, prepositions and/or fragments, run-ons, deletions • meaning confused or obscured
	10-5	VERY POOR:	virtually no mastery of sentence construction rules • dominated by errors • does not communicate • OR not enough to evaluate
MECHANICS	5	EXCELLENT TO VERY GOOD:	demonstrates mastery of conventions • few errors of spelling, punctuation, capitalization, paragraphing
	4	GOOD TO AVERAGE:	occasional errors of spelling, punctuation, capitalization, paragraphing but meaning not obscured
	3	FAIR TO POOR:	frequent errors of spelling, punctuation, capitalization, paragraphing • poor handwriting • meaning confused or obscured
	2	VERY POOR:	no mastery of conventions • dominated by errors of spelling, capitalization, punctuation, paragraphing • handwriting illegible • OR not enough to evaluate

TOTAL SCORE

READER

COMMENTS