

# APPENDICES

**APPENDIX I**  
**LESSON PLANS**

## LESSON PLAN

|                    |                                     |
|--------------------|-------------------------------------|
| Field of the Study | : English                           |
| Topic              | : Writing                           |
| Sub-Topic          | : Narrative Writing about “Hunting” |
| Class/Quarter      | : 2/2                               |
| Time               | : 45’                               |

### **I. General Assumption**

The students have already known about Tenses.

### **II. General Instructional Objective**

The students are able to make a narrative paragraph through picture series.

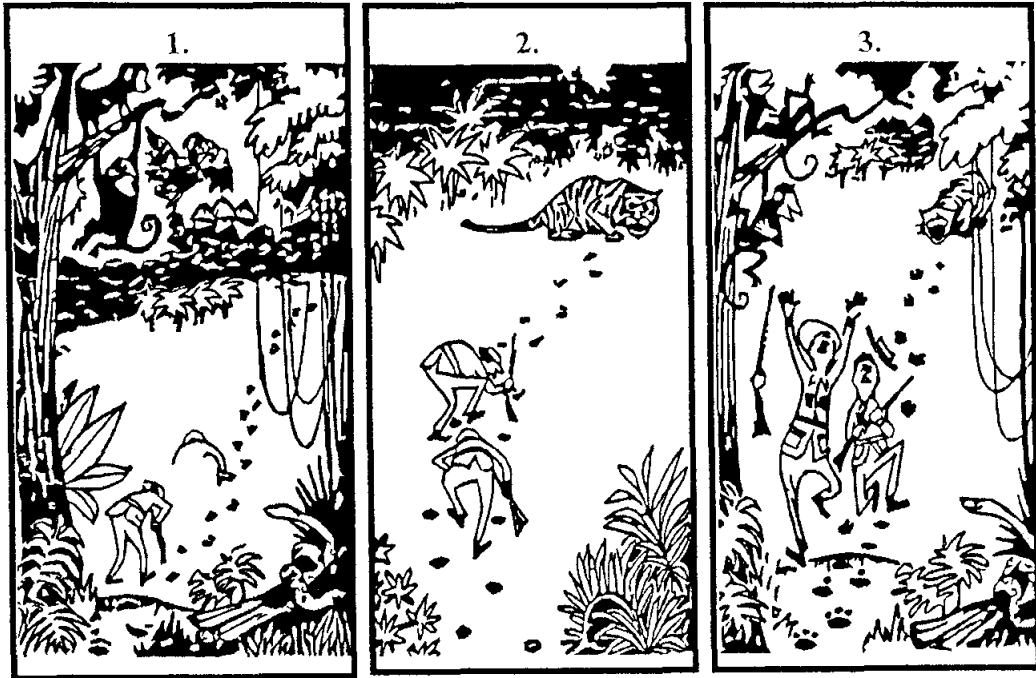
### **III. Specific Instructional Objectives**

1. Students are able to answer 10 questions related to the picture series.
2. Students are able to find the main idea of the story in the picture series.
3. Students are able to understand the meaning of the given vocabularies.
4. Students are able to make a narrative paragraph with the same title as the given picture series.

### **IV. Material**

1. Look carefully to the Picture Series below!

## HUNTING



2. Answer the following questions, orally!

1. Where are the two hunters?
2. What are they following?
3. What kinds of animals are watching them in picture 1?
4. What is watching them in picture 2?
5. Why do the two hunters not see the tiger?
6. What are the two hunters doing in picture 3?
7. What has one of them dropped?
8. What is the tiger doing?
9. Where are the monkeys?
10. Why are the two hunters running away?

3. Read the list of vocabularies below and try to understand their meaning.

- Jungle : hutan rimba
- Hunter : pemburu
- Gun : senjata
- Thick : tebal/lebat
- Animal's tracks : jejak binatang
- Swing(V) : bergelantungan
- Branches : cabang-cabang pohon
- Huge : sangat besar
- Roaring (v), Roar (N) : mengaum(V), auman(N)
- Frightened (v) : ketakutan
- Run away : melarikan diri
- Bend down : membungkuk

#### V. Teaching Learning Activity

| TEACHER  | STUDENTS   |
|--|--|
| <ul style="list-style-type: none"><li>• Greets the students</li></ul>                                      | <ul style="list-style-type: none"><li>• Reply the teacher's greeting.</li></ul>        |
| <ul style="list-style-type: none"><li>• Distributes the picture series to the students.</li></ul>          | <ul style="list-style-type: none"><li>• Receive picture series from teacher.</li></ul> |
| <ul style="list-style-type: none"><li>• Gives questions to students based on the picture series.</li></ul> | <ul style="list-style-type: none"><li>• Answer the questions together.</li></ul>       |
| <ul style="list-style-type: none"><li>• Gives a list of vocabularies.</li></ul>                            | <ul style="list-style-type: none"><li>• Learn the vocabularies.</li></ul>              |
| <ul style="list-style-type: none"><li>• Asks students to make a narrative paragraph.</li></ul>             | <ul style="list-style-type: none"><li>• Make a narrative paragraph.</li></ul>          |

## **VI. Teaching Aids**

Picture series, chalk, blackboard and duster.

## **VII. Method**

- Question-answer
- Discussion

## **VIII. Evaluation**

- Make a narrative paragraph with the same title as the given picture series.

## LESSON PLAN

|                    |   |
|--------------------|---|
| Field of the Study | : English   |
| Topic              | : Writing   |
| Sub-topic          | : Narrative Writing about “ In a Saturday Night”. |
| Class/Quarter      | : 2/2   |
| Time               | : 45’   |

### **I. General Assumption**

The students have already known about Tenses.

### **II. General Instructional Objective**

The students are able to make a narrative paragraph through picture series.

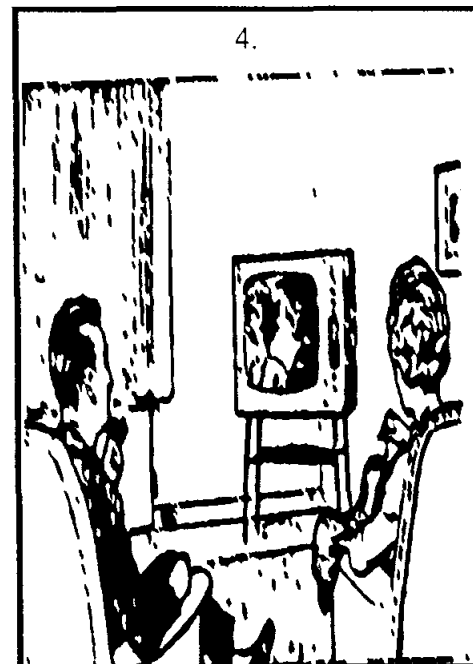
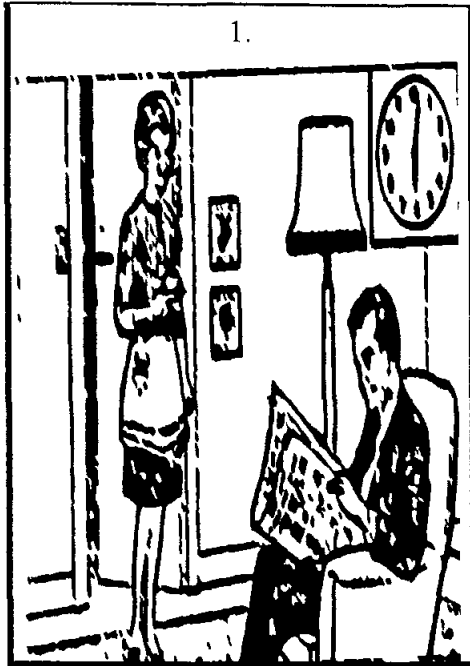
### **III. Specific Instructional Objectives**

1. Students are able to answer 10 questions related to the picture series.
2. Students are able to find the main idea of the story in the picture series.
3. Students are able to understand the meaning of the given vocabularies.
4. Students are able to make a narrative paragraph with the same title as the given picture series.

### **IV. Material**

1. Look carefully to the picture series below!

# IN A SATURDAY NIGHT





2. Answer the following questions, orally!

1. What time does Mr. Smith come home?
2. What is he doing right now?
3. What does Mrs. Smith bring for her husband?
4. Where are Mr. Smith and Mrs. Smith in picture 2?
5. In your opinion, how is the atmosphere around them?
6. What do they do after they've arrived home?
7. What time is it now?
8. What do they enjoy in picture 3?
9. In picture 4, what does Mr. Smith have in his mouth?
10. In picture 4, why does Mrs. Smith not watch the TV?

3. Read the list of the vocabularies below and try to understand them.

- Go for a walk : berjalan-jalan
- Refresh : Menyegarkan (pikiran) kembali
- Along the river bank : sepanjang tepi sungai
- Atmosphere : suasana
- Dinner : makan malam
- Relaxing : suasana yang membuat santai
- Enjoy : menikmati
- Entertainment : hiburan
- Cinema : bioskop
- Week end : akhir pekan

## **V. Teaching Learning Activity**

| TEACHER  | STUDENTS   |
|--|--|
| <ul style="list-style-type: none"><li>• Greets the students</li></ul>                                      | <ul style="list-style-type: none"><li>• Reply the teacher's greeting.</li></ul>        |
| <ul style="list-style-type: none"><li>• Distributes the picture series to the students.</li></ul>          | <ul style="list-style-type: none"><li>• Receive picture series from teacher.</li></ul> |
| <ul style="list-style-type: none"><li>• Gives questions to students based on the picture series.</li></ul> | <ul style="list-style-type: none"><li>• Answer the questions together.</li></ul>       |
| <ul style="list-style-type: none"><li>• Gives a list of vocabularies.</li></ul>                            | <ul style="list-style-type: none"><li>• Learn the vocabularies.</li></ul>              |
| <ul style="list-style-type: none"><li>• Asks students to make a narrative paragraph.</li></ul>             | <ul style="list-style-type: none"><li>• Make a narrative paragraph.</li></ul>          |

## **VI. Teaching Aids**

Picture series, chalk, blackboard, and duster.

## **VII. Method**

- Question-answer
- Discussion

## **VIII. Evaluation**

- Make a narrative paragraph with the same title as the given picture series.

## **LESSON PLAN**

|                    |                                      |
|--------------------|--------------------------------------|
| Field of the Study | : English                            |
| Topic              | : Writing                            |
| Sub-topic          | : Narrative Writing about "A Picnic" |
| Class/Quarter      | : 2/2                                |
| Time               | : 45'                                |

### **I. General Assumption**

The students have already known about Tenses.

### **II. General Instructional Objective**

The students are able to make a narrative paragraph through picture series.

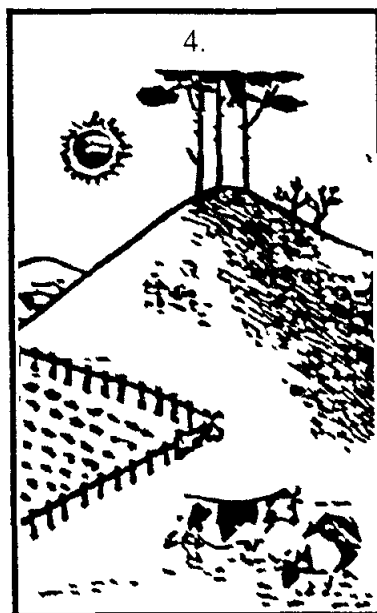
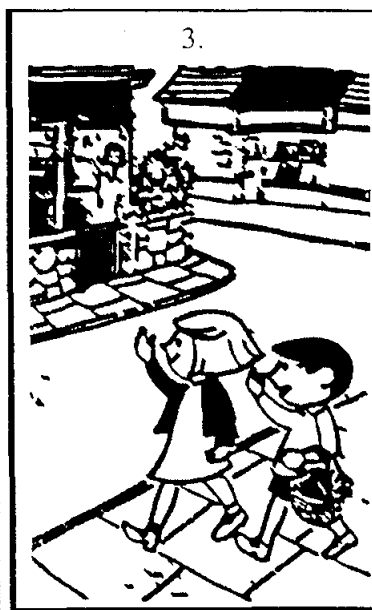
### **III. Specific Instructional Objectives**

1. Students are able to answer 10 questions related to the picture series.
2. Students are able to find the main idea of the story in the picture series.
3. Students are able to understand the meaning of the given vocabularies.
4. Students are able to make a narrative paragraph with the same title as the given picture series.

### **IV. Material**

1. Look at carefully at the picture series below!

## A PICNIC



2. Answer the following questions, orally!

1. What is the little girl doing in the first picture?
2. Where is the boy putting the sandwiches?
3. What is their mother making?

4. What is the dog doing in picture 2?
5. Why can't the two children see the dog?
6. What are the children doing in picture 3?
7. Where are they going in the next picture?
8. What is the little girl doing in picture 4?
9. Where is the dog?
10. Why do the children look surprised in picture 6?

3. Read the list of vocabularies below and try to understand their meaning!

- Sandwiches : roti isi
- Butter : mentega
- Jam : selai
- Tea pot : poci teh
- Flask : termos
- Picnic basket : keranjang piknik
- Map : peta
- Hill : bukit
- Scenery : pemandangan
- Farm : tanah pertanian
- Slope : lereng bukit
- Shady : teduh
- Windy : berangin
- Starving : kelaparan
- Tired : lelah

## **V. Teaching Learning Activity**

| TEACHER   | STUDENTS  |
|---|---|
| <ul style="list-style-type: none"><li>• Greets the students</li></ul>                                     | <ul style="list-style-type: none"><li>• Reply the teacher's greeting</li></ul>        |
| <ul style="list-style-type: none"><li>• Distributes the picture series to the students</li></ul>          | <ul style="list-style-type: none"><li>• Receive picture series from teacher</li></ul> |
| <ul style="list-style-type: none"><li>• Gives questions to students based on the picture series</li></ul> | <ul style="list-style-type: none"><li>• Answer the questions together</li></ul>       |
| <ul style="list-style-type: none"><li>• Gives a list of vocabularies</li></ul>                            | <ul style="list-style-type: none"><li>• Learn the vocabularies</li></ul>              |
| <ul style="list-style-type: none"><li>• Asks students to make a narrative paragraph</li></ul>             | <ul style="list-style-type: none"><li>• Make a narrative paragraph</li></ul>          |

## **VI. Teaching Aids**

Picture series, chalk, blackboard, and duster.

## **VII. Method**

- Question-answer
- Discussion

## **VIII. Evaluation**

- Makes a narrative paragraph with the same title as the given picture series.

## LESSON PLAN

|                    |                                     |
|--------------------|-------------------------------------|
| Field of the Study | : English                           |
| Topic              | : Writing                           |
| Sub-Topic          | : Narrative Writing about “Hunting” |
| Class/Quarter      | : 2/2                               |
| Time               | : 45’                               |

### **I. General Assumption**

The students have already known about tenses.

### **II. General Instructional Objective**

The students are able to make a narrative paragraph through dialogue.

### **III. Specific Instructional Objectives**

1. Students are able to practice the dialogue in front of the class.
2. Students are able to mention the main idea of the dialogue.
3. Students are able to understand the meaning of the difficult words  
from the context in the dialogue.
4. Students are able to make a narrative paragraph with the same title as  
the given dialogue.

### **IV. Material**

1. Pay attention to the dialogue below!

## HUNTING

- Hunter I : Woww..., this jungle is so thick. I can't even see the sky. It's just like night.
- Hunter II : Yeah..., you're right. Hi...look at those monkeys. They're freely swinging from one branch to another.
- Hunter I : Don't bother about them. You know that we're hunters. We go into the forest, then find the animals' tracks, follow them, and finally shoot the animals.
- Hunter II : Look!!! There are animal's tracks. Let's follow them. I'll go in front. I wonder whose tracks they are?
- Hunter I : St...st.... be quiet and be careful. I think we better bend our back so we can see the tracks more clearly.
- Tiger's voice : Auuummm.....
- Hunter II : Eckk.....I...I...think we've made a mistake..
- Hunter I : Ye...yes... we have. They're a very huge tiger's tracks.
- Hunter II : A...and we're too close to him..... Run!!!!!!!!!!

2. Practice the dialogue in pairs.
3. What is the dialogue about?
4. Read the underlined words and phrases in the dialogue and try to understand their meaning.

### V. Teaching Learning Activity

| TEACHER                                    | STUDENTS                                |
|--|---|
| • Greets the students                      | • Reply the teacher's greeting          |
| • Distributes the dialogue to the students | • Receive the dialogue from the teacher |
| • Acts as model for the students in        | • Imitate the teacher in practicing the |



|   |   |
|---|---|
| practicing the dialogue   | dialogue  |
| <ul style="list-style-type: none"> <li>• Asks some students to practice the dialogue in front of the class</li> </ul>         | <ul style="list-style-type: none"> <li>• Practice the dialogue in front of the class</li> </ul>                             |
| <ul style="list-style-type: none"> <li>• Asks the main idea of the dialogue</li> </ul>  | <ul style="list-style-type: none"> <li>• Mention the main idea of the dialogue</li> </ul>                                   |
| <ul style="list-style-type: none"> <li>• Discusses the vocabularies and expressions that are found in the dialogue</li> </ul> | <ul style="list-style-type: none"> <li>• Discuss the vocabularies and expressions that are found in the dialogue</li> </ul> |
| <ul style="list-style-type: none"> <li>• Asks students to make a narrative paragraph</li> </ul>                               | <ul style="list-style-type: none"> <li>• Make a narrative paragraph</li> </ul>  |

## **VI. Teaching Aids**

Dialogue, chalk, blackboard, and duster.

## **VII. Method**

- Question-answer
- Discussion

## **VIII. Evaluation**

- Make a narrative paragraph with the same title as the given dialogue.

## LESSON PLAN

|                    |   |
|--------------------|---|
| Field of the Study | : English   |
| Topic              | : Writing   |
| Sub-Topic          | : Narrative Writing about “In<br>a Saturday Night”. |
| Class/Quarter      | : 2/2   |
| Time               | : 45’   |

### I. General Assumption

The Students have already known about tenses

### II. General Instructional Objective

The students are able to make a narrative paragraph through dialogue.

### III. Specific Instructional Objectives

1. Students are able to practice the dialogue in front of the class.
2. The students are able to mention the main idea of the dialogue.
3. Students are able to understand the meaning of the difficult words from the context in the dialogue.
4. Students are able to make a narrative paragraph with the same title as the given dialogue.

### IV. Material

1. Pay attention to the dialogue below.

#### IN A SATURDAY NIGHT

Wife : Here’s your coffee, Jim.

Husband : Thanks, dear. Just put it on the table. I’d like to finish reading this newspaper.

Wife : By the way, do you have something to do tonight, Jim?

Husband : I guess I don't have any. Why?

Wife : Well..., I wonder whether we could go for a walk. Hi... we can walk along the riverbank. Do you agree, Jim?

Husband : Hm.... Why not? I think I can refresh my mind after this long and tiring day. It's a weekend, any way.

Wife : Great! I'll take my coat, then we can go after you've finished reading the newspaper.

Husband : (deep breath) The air here is so fresh and the atmosphere here is so quiet and relaxing.

Wife : You're right, Jim. I feel the same way.

Husband : How about having dinner after this, dear. Where do you want to go for dinner?

Wife : I think we'll have our dinner just at home. I've made salad and chicken steak. You agree?

Husband : That's all right for me. I believe that you've made a delicious dinner tonight.

Wife : You're kidding on me.

Husband : I'm not. And then, after dinner we can watch the TV. There will be a good film tonight.

Wife : Whatever you say, Jim. After all, the think that I'm going to do right away after dinner is finishing knitting your sweater.

Husband : You can do it while we're watching the film, dear. And I'll enjoy my pipe.

Wife : That would be a good idea. Shall we go home now?

Husband : Sure.

2. Practice the dialogue in pairs.

3. What is the dialogue about?

4. Read the underlined words and phrases in the dialogue and try to understand their meaning.

#### **V. Teaching Learning Activity**

| TEACHER  | STUDENTS   |
|--|--|
| <ul style="list-style-type: none"><li>• Greets the students</li></ul>  | <ul style="list-style-type: none"><li>• Reply the teacher's greeting</li></ul>                                       |
| <ul style="list-style-type: none"><li>• Distributes the dialogue</li></ul>   | <ul style="list-style-type: none"><li>• Receive the dialogue from the teacher</li></ul>                              |
| <ul style="list-style-type: none"><li>• Acts as the model for the students in practicing the dialogue</li></ul>        | <ul style="list-style-type: none"><li>• Imitate the teacher in practicing the dialogue</li></ul>                     |
| <ul style="list-style-type: none"><li>• Asks some students to practice the dialogue in front of the class</li></ul>    | <ul style="list-style-type: none"><li>• Practice the dialogue in front of the class</li></ul>                        |
| <ul style="list-style-type: none"><li>• Asks the main idea of the dialogue</li></ul>                                   | <ul style="list-style-type: none"><li>• Mention the main idea of the dialogue</li></ul>                              |
| <ul style="list-style-type: none"><li>• Discusses vocabularies and expression that are found in the dialogue</li></ul> | <ul style="list-style-type: none"><li>• Discuss vocabularies and expression that are found in the dialogue</li></ul> |
| <ul style="list-style-type: none"><li>• Asks students to make a narrative paragraph</li></ul>                          | <ul style="list-style-type: none"><li>• Make a narrative paragraph</li></ul>   |

#### **VI. Teaching Aids**

Dialogue, chalk, blackboard, and duster.

#### **VII. Method**

- Question-answer
- Discussion

#### **VIII. Evaluation**

- Make a narrative paragraph with the same title as the given dialogue.

## LESSON PLAN

Field of the Study : English  
Topic : Writing  
Sub-Topic : Narrative Writing about “A  
Picnic”  
Class/Quarter : 2/2  
Time : 45’

### I. General Assumption

The students have already known about tenses.

### II. General Instructional Objective

The students are able to make a narrative paragraph through dialogue.

### III. Specific Instructional Objectives

1. Students are able to practice the dialogue in front of the class.
2. Students are able to mention the main idea of the dialogue.
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4. Students are able to make a narrative paragraph with the same title as the given dialogue.

### IV. Material

1. Pay attention to the dialogue below.

#### A PICNIC

Tom : I think we should bring a lot of sandwiches, Ann.  
Ann : Yeah..., I’ll make some more sandwiches with butter and jam.  
Mother : Kids, I’ll pour the tea from the teapot into this flask. It will keep the tea warm.

Tom : Ok, now everything is ready. We've put all the sandwiches and the flask in this picnic basket.

Ann : Right. Now we're ready to go.

Mother : Wait a minute. Here's the map. The hill is over here. You should follow this map if you don't want to get lost.

Tom & Ann : Yes. We understand, mom.

Ann : Shall we go now, Tom?

Tom : Sure. Let's say good bye to mom.

Tom & Ann : Bye...bye... mom.

Mother : Bye.... take care...

Ann : Tom, I think this is the place.

Tom : Yes, I guess you're right.

Ann : Look! It's so beautiful here. There are trees and flowers.

Tom : And over there... you see...there are farms and cattle.

Ann : Let's walk over there so we can sit on the slope of the hill. It seems windy and shady.

Tom : Good idea. We can also open our basket and eat the sandwiches. I'm starving.

Ann : Upps....Tom, look! Doggy is jumping out from our basket. Oh....my God! He has eaten all our sandwiches.

Tom : Uff...he did it. Uhh...we have nothing left to eat, Ann.

Ann : I guess so.....

2. Practice the dialogue in pairs.
3. What is the dialogue about?
4. Read the underlined words and phrases in the dialogue and try to understand their meaning.

## **V. Teaching Learning Activity**

| TEACHER  | STUDENTS   |
|--|--|
| <ul style="list-style-type: none"><li>• Greets the students</li></ul>  | <ul style="list-style-type: none"><li>• Reply the teacher's greeting</li></ul>   |
| <ul style="list-style-type: none"><li>• Distributes dialogue to the students</li></ul>                                     | <ul style="list-style-type: none"><li>• Receive the dialogue from teacher</li></ul>                                      |
| <ul style="list-style-type: none"><li>• Acts as the model for the students in practicing the dialogue</li></ul>            | <ul style="list-style-type: none"><li>• Imitate the teacher in practicing the dialogue</li></ul>                         |
| <ul style="list-style-type: none"><li>• Asks some students to practice the dialogue in front of the class</li></ul>        | <ul style="list-style-type: none"><li>• Practice the dialogue in front of the class</li></ul>                            |
| <ul style="list-style-type: none"><li>• Discusses the vocabularies and expression that are found in the dialogue</li></ul> | <ul style="list-style-type: none"><li>• Discuss the vocabularies and expression that are found in the dialogue</li></ul> |
| <ul style="list-style-type: none"><li>• Asks students to make a narrative paragraph</li></ul>                              | <ul style="list-style-type: none"><li>• Make a narrative paragraph</li></ul>   |

## **VI. Teaching Aids**

Dialogue, chalk, blackboard, and duster.

## **VII. Method**

- Question-answer
- Discussion

## **VIII. Evaluation**

- Make a narrative paragraph with the same title as the given dialogue.

**APPENDIX II**  
**THE CATUR WULAN SCORES**



**TABLE I**  
**NILAI CATUR WULAN I KELAS 2-1**  
**SMUK. SANTO HENDRIKUS SURABAYA**

| NO.   | SCORES |
|-------|--------|
| 1.    | 60     |
| 2.    | 60     |
| 3.    | 60     |
| 4.    | 50     |
| 5.    | 70     |
| 6.    | 60     |
| 7.    | 70     |
| 8.    | 60     |
| 9.    | 80     |
| 10.   | 70     |
| 11.   | 70     |
| 12.   | 60     |
| 13.   | 70     |
| 14.   | 60     |
| 15.   | 50     |
| 16.   | 60     |
| 17.   | 40     |
| 18.   | 60     |
| 19.   | 60     |
| 20.   | 80     |
| 21.   | 70     |
| 22.   | 50     |
| 23.   | 80     |
| 24.   | 50     |
| 25.   | 70     |
| 26.   | 50     |
| 27.   | 60     |
| 28.   | 70     |
| 29.   | 50     |
| 30.   | 90     |
| 31.   | 60     |
| 32.   | 50     |
| 33.   | 70     |
| 34.   | 50     |
| 35.   | 60     |
| Total | 2180   |

**TABLE II**  
**NILAI CATUR WULAN I KELAS 2-2**  
**SMUK. SANTO HENDRIKUS SURABAYA**

| NO.   | SCORES |
|-------|--------|
| 1.    | 50     |
| 2.    | 50     |
| 3.    | 60     |
| 4.    | 60     |
| 5.    | 60     |
| 6.    | 80     |
| 7.    | 60     |
| 8.    | 60     |
| 9.    | 50     |
| 10.   | 50     |
| 11.   | 60     |
| 12.   | 70     |
| 13.   | 80     |
| 14.   | 70     |
| 15.   | 60     |
| 16.   | 70     |
| 17.   | 70     |
| 18.   | 60     |
| 19.   | 70     |
| 20.   | 80     |
| 21.   | 60     |
| 22.   | 60     |
| 23.   | 60     |
| 24.   | 70     |
| 25.   | 60     |
| 26.   | 60     |
| 27.   | 70     |
| 28.   | 60     |
| 29.   | 50     |
| 30.   | 60     |
| 31.   | 60     |
| 32.   | 70     |
| 33.   | 60     |
| 34.   | 70     |
| 35.   | 70     |
| Total | 2210   |

**TABLE III**  
**NILAI CATUR WULAN I KELAS 2-3**  
**SMUK. SANTO HENDRIKUS SURABAYA**

| NO.   | SCORES |
|-------|--------|
| 1.    | 70     |
| 2.    | 40     |
| 3.    | 60     |
| 4.    | 70     |
| 5.    | 70     |
| 6.    | 70     |
| 7.    | 70     |
| 8.    | 60     |
| 9.    | 50     |
| 10.   | 60     |
| 11.   | 50     |
| 12.   | 60     |
| 13.   | 80     |
| 14.   | 60     |
| 15.   | 40     |
| 16.   | 60     |
| 17.   | 50     |
| 18.   | 50     |
| 19.   | 60     |
| 20.   | 70     |
| 21.   | 70     |
| 22.   | 60     |
| 23.   | 70     |
| 24.   | 60     |
| 25.   | 80     |
| 26.   | 80     |
| 27.   | 70     |
| 28.   | 50     |
| 29.   | 80     |
| 30.   | 70     |
| 31.   | 60     |
| 32.   | 50     |
| 33.   | 70     |
| 34.   | 60     |
| 35.   | 70     |
| Total | 2200   |

**APPENDIX III**  
**THE CALCULATION OF THE CATUR WULAN SCORES**

**TABLE IV**  
**THE CALCULATION OF THE CATUR WULAN SCORES FOR**  
**2-1 AND 2-2**

| NO    | XA     | X <sup>2</sup> A | XB    | X <sup>2</sup> B |
|-------|--------|------------------|-------|------------------|
| 1.    | 60     | 3600             | 50    | 2500             |
| 2.    | 60     | 3600             | 50    | 2500             |
| 3.    | 60     | 3600             | 60    | 3600             |
| 4.    | 50     | 2500             | 60    | 3600             |
| 5.    | 70     | 4900             | 60    | 3600             |
| 6.    | 60     | 3600             | 80    | 6400             |
| 7.    | 70     | 4900             | 60    | 3600             |
| 8.    | 60     | 3600             | 60    | 3600             |
| 9.    | 80     | 6400             | 50    | 2500             |
| 10.   | 70     | 4900             | 50    | 2500             |
| 11.   | 70     | 4900             | 60    | 3600             |
| 12.   | 60     | 3600             | 70    | 4900             |
| 13.   | 70     | 4900             | 80    | 6400             |
| 14.   | 60     | 3600             | 70    | 4900             |
| 15.   | 50     | 2500             | 60    | 3600             |
| 16.   | 60     | 3600             | 70    | 4900             |
| 17.   | 40     | 1600             | 70    | 4900             |
| 18.   | 60     | 3600             | 60    | 3600             |
| 19.   | 60     | 3600             | 70    | 4900             |
| 20.   | 80     | 6400             | 80    | 6400             |
| 21.   | 70     | 4900             | 60    | 3600             |
| 22.   | 50     | 2500             | 60    | 3600             |
| 23.   | 80     | 6400             | 60    | 3600             |
| 24.   | 50     | 2500             | 70    | 4900             |
| 25.   | 70     | 4900             | 60    | 3600             |
| 26.   | 60     | 3600             | 60    | 3600             |
| 27.   | 50     | 2500             | 70    | 4900             |
| 28.   | 70     | 4900             | 60    | 3600             |
| 29.   | 50     | 2500             | 50    | 2500             |
| 30.   | 90     | 8100             | 60    | 3600             |
| 31.   | 60     | 3600             | 60    | 3600             |
| 32.   | 50     | 2500             | 70    | 4900             |
| 33.   | 70     | 4900             | 60    | 3600             |
| 34.   | 50     | 2500             | 70    | 4900             |
| 35.   | 60     | 3600             | 70    | 4900             |
| TOTAL | 2180   | 134900           | 2210  | 14190            |
| n     | 35     |                  | 35    |                  |
| MEAN  | 62.28  |                  | 63.14 |                  |
| SD    | 10.314 |                  | 8.321 |                  |

**TESTS OF HYPOTHESES:**

1.  $H_0 : \mu_A \geq \mu_B$ , there is no difference between the means of the groups.

$H_a : \mu_A > \mu_B$ , there is a difference between the means of the groups.

2. t-test, where  $df. = nA + nB - 2$

$$= 35 + 35 - 2 = 68$$

$$t(0.05) = 1.671$$

3. Calculation for t-observation ( $t_o$ ) :

**A. 2-1**

$$\bar{x} = \frac{\sum x}{n} = \frac{2180}{35} = 62.28$$

$$S = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 10.314$$

**B. 2-2**

$$\bar{x} = \frac{\sum x}{n} = \frac{2210}{35} = 63.14$$

$$S = \sqrt{\frac{n\sum x - (\sum x)^2}{n(n-1)}} = 8.321$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(nA-1)S^2_A + (nB-1)S^2_B}{nA + nB - 2} \left( \frac{1}{nA} + \frac{1}{nB} \right)}} = -0.384$$

4. CONCLUSION

Because  $|t \text{ observation}| = 0.384 < t(0.05)$ , so  $H_0$  is accepted.

Hence, we conclude the difference between groups is not significant, and there is no difference between groups.

**TABLE V**  
**THE CALCULATION OF THE CATUR WULAN SCORES**  
**2-2 AND 2-3**

| NO    | XA    | X <sup>2</sup> A | XB    | X <sup>2</sup> B |
|-------|-------|------------------|-------|------------------|
| 1.    | 50    | 2500             | 60    | 3600             |
| 2.    | 50    | 2500             | 40    | 1600             |
| 3.    | 60    | 3600             | 60    | 3600             |
| 4.    | 60    | 3600             | 70    | 4900             |
| 5.    | 60    | 3600             | 70    | 4900             |
| 6.    | 80    | 6400             | 70    | 4900             |
| 7.    | 60    | 3600             | 70    | 4900             |
| 8.    | 60    | 3600             | 60    | 3600             |
| 9.    | 50    | 2500             | 50    | 2500             |
| 10.   | 50    | 2500             | 60    | 3600             |
| 11.   | 60    | 3600             | 50    | 2500             |
| 12.   | 70    | 4900             | 60    | 3600             |
| 13.   | 80    | 6400             | 80    | 6400             |
| 14.   | 70    | 4900             | 60    | 3600             |
| 15.   | 60    | 3600             | 40    | 1600             |
| 16.   | 70    | 4900             | 60    | 3600             |
| 17.   | 70    | 4900             | 50    | 2500             |
| 18.   | 60    | 3600             | 50    | 2500             |
| 19.   | 70    | 4900             | 60    | 3600             |
| 20.   | 80    | 6400             | 70    | 4900             |
| 21.   | 60    | 3600             | 70    | 4900             |
| 22.   | 60    | 3600             | 60    | 3600             |
| 23.   | 60    | 3600             | 70    | 4900             |
| 24.   | 70    | 4900             | 60    | 3600             |
| 25.   | 60    | 3600             | 80    | 6400             |
| 26.   | 60    | 3600             | 80    | 6400             |
| 27.   | 70    | 4900             | 70    | 4900             |
| 28.   | 60    | 3600             | 50    | 2500             |
| 29.   | 50    | 2500             | 80    | 6400             |
| 30.   | 60    | 3600             | 70    | 4900             |
| 31.   | 60    | 3600             | 60    | 3600             |
| 32.   | 70    | 4900             | 50    | 2500             |
| 33.   | 60    | 3600             | 70    | 4900             |
| 34.   | 70    | 4900             | 60    | 3600             |
| 35.   | 70    | 4900             | 70    | 4900             |
| TOTAL | 2210  | 141900           | 2200  | 142200           |
| N     | 35    |                  | 35    |                  |
| MEAN  | 63.14 |                  | 62.85 |                  |
| SD    | 8.321 |                  | 10.73 |                  |

**TEST OF HYPOTHESES:**

1.  $H_0: \mu_A \leq \mu_B$ , there is no difference between the mean of the groups.

$H_a: \mu_A > \mu_B$ , there is a difference between the means of the groups.

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

$$35 + 35 - 2 = 68$$

$$t(0.05) = 1.671$$

3. Calculation for t observation (to) :

**A. 2-2**

$$\bar{x} = \frac{\sum x}{n} = \frac{2210}{35} = 63.14$$

$$S = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.321$$

**B. 2-3**

$$\bar{x} = \frac{\sum x}{n} = \frac{2200}{35} = 62.85$$

$$S = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 10.73$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)S^2_A + (n_B - 1)S^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = -0.226$$

**4. CONCLUSION**

Because  $|t \text{ observation}| = 0.226 < t(0.05)$ , so  $H_0$  is accepted.

Hence, we conclude that the difference between groups is not significant, and there is no difference between groups.



**TABLE VI**  
**THE CALCULATION OF THE CATUR WULAN SCORES**  
**2-1 AND 2-3**

| NO    | XA     | X <sup>2</sup> A | XB    | X <sup>2</sup> B |
|-------|--------|------------------|-------|------------------|
| 1.    | 60     | 3600             | 70    | 4900             |
| 2.    | 60     | 3600             | 40    | 1600             |
| 3.    | 60     | 3600             | 60    | 3600             |
| 4.    | 50     | 2500             | 70    | 4900             |
| 5.    | 70     | 4900             | 70    | 4900             |
| 6.    | 60     | 3600             | 70    | 4900             |
| 7.    | 70     | 4900             | 70    | 4900             |
| 8.    | 60     | 3600             | 60    | 3600             |
| 9.    | 80     | 6400             | 50    | 2500             |
| 10.   | 70     | 4900             | 60    | 3600             |
| 11.   | 70     | 4900             | 50    | 2500             |
| 12.   | 60     | 3600             | 60    | 3600             |
| 13.   | 70     | 4900             | 80    | 6400             |
| 14.   | 60     | 3600             | 60    | 3600             |
| 15.   | 50     | 2500             | 40    | 1600             |
| 16.   | 60     | 3600             | 60    | 3600             |
| 17.   | 40     | 1600             | 50    | 2500             |
| 18.   | 60     | 3600             | 50    | 2500             |
| 19.   | 60     | 3600             | 60    | 3600             |
| 20.   | 80     | 6400             | 70    | 4900             |
| 21.   | 70     | 4900             | 70    | 4900             |
| 22.   | 50     | 2500             | 60    | 3600             |
| 23.   | 80     | 6400             | 70    | 4900             |
| 24.   | 50     | 2500             | 60    | 3600             |
| 25.   | 70     | 4900             | 80    | 6400             |
| 26.   | 50     | 2500             | 80    | 6400             |
| 27.   | 60     | 3600             | 70    | 4900             |
| 28.   | 70     | 4900             | 50    | 2500             |
| 29.   | 50     | 2500             | 80    | 6400             |
| 30.   | 90     | 8100             | 70    | 4900             |
| 31.   | 60     | 3600             | 60    | 3600             |
| 32.   | 50     | 2500             | 50    | 2500             |
| 33.   | 70     | 4900             | 70    | 4900             |
| 34.   | 50     | 2500             | 60    | 3600             |
| 35.   | 60     | 3600             | 70    | 4900             |
| TOTAL | 2180   | 139400           | 2200  | 14220            |
| N     | 35     |                  | 35    |                  |
| MEAN  | 62.28  |                  | 62.85 |                  |
| SD    | 10.314 |                  | 10.73 |                  |

## TESTS OF HYPOTHESES :

1.  $H_0 : \mu_A \leq \mu_B$ , there is no difference between the mean of the groups.

$H_a : \mu_A > \mu_B$ , there is difference between the mean of the groups.

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

$$= 35 + 35 - 2 = 68$$

$$t(0.05) = 1.671$$

3. Calculation for t observation (to):

**A. 2-1**

$$\bar{x} = \frac{\sum x}{n} = \frac{2180}{35} = 62.28$$

$$S = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 10.314$$

**B. 2-3**

$$\bar{x} = \frac{\sum x}{n} = \frac{2200}{35} = 62.85$$

$$S = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 10.73$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)S^2_A + (n_B - 1)S^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = 0.126$$

4. CONCLUSION

Because  $|t \text{ observation}| = 0.216 < t(0.05)$ , so  $H_0$  is accepted.

Hence, we conclude that the difference between groups is not significant, and there is no difference between groups.

**APPENDIX IV  
THE WRITING SCORES  
(FIRST SCORING)**

**TABLE VII**  
**THE WRITING SCORES OF THE FIRST TREATMENT**  
**(FIRST SCORING)**

| NO  | GROUP A |          | NO  | GROUP B |          |
|-----|---------|----------|-----|---------|----------|
|     | RATER I | RATER II |     | RATER I | RATER II |
| 1.  | 72      | 80       | 1.  | 71      | 60       |
| 2.  | 84      | 89       | 2.  | 52      | 48       |
| 3.  | 55      | 60       | 3.  | 65      | 63       |
| 4.  | 73      | 84       | 4.  | 69      | 65       |
| 5.  | 66      | 70       | 5.  | 63      | 67       |
| 6.  | 54      | 59       | 6.  | 66      | 68       |
| 7.  | 50      | 54       | 7.  | 59      | 57       |
| 8.  | 80      | 86       | 8.  | 69      | 73       |
| 9.  | 51      | 55       | 9.  | 46      | 55       |
| 10. | 52      | 58       | 10. | 48      | 50       |
| 11. | 57      | 63       | 11. | 68      | 64       |
| 12. | 70      | 81       | 12. | 67      | 69       |
| 13. | 52      | 46       | 13. | 45      | 47       |
| 14. | 89      | 85       | 14. | 45      | 49       |
| 15. | 81      | 87       | 15. | 38      | 42       |
| 16. | 81      | 87       | 16. | 55      | 59       |
| 17. | 75      | 69       | 17. | 55      | 49       |
| 18. | 74      | 85       | 18. | 75      | 71       |
| 19. | 83      | 78       | 19. | 64      | 74       |
| 20. | 75      | 79       | 20. | 73      | 67       |
| 21. | 87      | 83       | 21. | 57      | 66       |
| 22. | 87      | 83       | 22. | 69      | 75       |
| 23. | 68      | 58       | 23. | 74      | 70       |
| 24. | 57      | 51       | 24. | 67      | 63       |
| 25. | 70      | 60       | 25. | 62      | 66       |
| 26. | 78      | 84       | 26. | 67      | 64       |
| 27. | 54      | 59       | 27. | 67      | 61       |
| 28. | 61      | 57       | 28. | 75      | 79       |
| 29. | 61      | 57       | 29. | 77      | 73       |
| 30. | 72      | 76       | 30. | 70      | 66       |
| 31. | 78      | 70       | 31. | 67      | 72       |
| 32. | 59      | 53       | 32. | 68      | 75       |
| 33. | 75      | 79       | 33. | 66      | 70       |
| 34. | 76      | 72       | 34. | 72      | 68       |
| 35. | 57      | 51       | 35. | 80      | 69       |

**TABLE VIII**  
**THE WRITING SCORES OF THE SECOND TREATMENT**  
**(FIRST SCORING)**

| NO  | GROUP A |          | NO  | GROUP B |          |
|-----|---------|----------|-----|---------|----------|
|     | RATER I | RATER II |     | RATER I | RATER II |
| 1.  | 82      | 78       | 1.  | 65      | 75       |
| 2.  | 80      | 74       | 2.  | 67      | 63       |
| 3.  | 72      | 76       | 3.  | 59      | 63       |
| 4.  | 80      | 74       | 4.  | 59      | 63       |
| 5.  | 64      | 68       | 5.  | 58      | 62       |
| 6.  | 62      | 72       | 6.  | 63      | 57       |
| 7.  | 59      | 53       | 7.  | 61      | 70       |
| 8.  | 83      | 79       | 8.  | 73      | 71       |
| 9.  | 64      | 68       | 9.  | 52      | 56       |
| 10. | 62      | 66       | 10. | 55      | 49       |
| 11. | 72      | 66       | 11. | 63      | 59       |
| 12. | 72      | 66       | 12. | 64      | 66       |
| 13. | 74      | 63       | 13. | 60      | 62       |
| 14. | 83      | 79       | 14. | 54      | 58       |
| 15. | 82      | 86       | 15. | 33      | 35       |
| 16. | 81      | 85       | 16. | 75      | 71       |
| 17. | 75      | 79       | 17. | 57      | 53       |
| 18. | 75      | 79       | 18. | 72      | 68       |
| 19. | 65      | 76       | 19. | 69      | 71       |
| 20. | 73      | 75       | 20. | 61      | 65       |
| 21. | 78      | 84       | 21. | 54      | 65       |
| 22. | 80      | 82       | 22. | 70      | 74       |
| 23. | 69      | 71       | 23. | 63      | 65       |
| 24. | 72      | 60       | 24. | 62      | 58       |
| 25. | 80      | 76       | 25. | 70      | 72       |
| 26. | 75      | 79       | 26. | 67      | 71       |
| 27. | 50      | 62       | 27. | 63      | 67       |
| 28. | 64      | 68       | 28. | 66      | 64       |
| 29. | 54      | 58       | 29. | 73      | 73       |
| 30. | 70      | 68       | 30. | 72      | 74       |
| 31. | 71      | 75       | 31. | 70      | 66       |
| 32. | 56      | 58       | 32. | 64      | 68       |
| 33. | 83      | 81       | 33. | 70      | 74       |
| 34. | 74      | 78       | 34. | 80      | 76       |
| 35. | 62      | 53       | 35. | 64      | 68       |

**TABLE IX**  
**THE WRITING SCORES OF THE THIRD TREATMENT**  
**(FIRST SCORING)**

| NO  | GROUP A |          | NO  | GROUP B |          |
|-----|---------|----------|-----|---------|----------|
|     | RATER I | RATER II |     | RATER I | RATER II |
| 1.  | 86      | 84       | 1.  | 64      | 68       |
| 2.  | 84      | 86       | 2.  | 61      | 65       |
| 3.  | 79      | 75       | 3.  | 66      | 62       |
| 4.  | 78      | 80       | 4.  | 65      | 54       |
| 5.  | 65      | 61       | 5.  | 73      | 67       |
| 6.  | 67      | 63       | 6.  | 69      | 71       |
| 7.  | 64      | 66       | 7.  | 63      | 57       |
| 8.  | 72      | 83       | 8.  | 70      | 61       |
| 9.  | 63      | 57       | 9.  | 55      | 49       |
| 10. | 67      | 63       | 10. | 49      | 51       |
| 11. | 66      | 62       | 11. | 67      | 63       |
| 12. | 67      | 63       | 12. | 62      | 58       |
| 13. | 65      | 61       | 13. | 57      | 53       |
| 14. | 78      | 76       | 14. | 60      | 56       |
| 15. | 80      | 84       | 15. | 42      | 31       |
| 16. | 81      | 83       | 16. | 70      | 66       |
| 17. | 78      | 71       | 17. | 64      | 60       |
| 18. | 73      | 77       | 18. | 71      | 77       |
| 19. | 77      | 73       | 19. | 70      | 74       |
| 20. | 83      | 77       | 20. | 60      | 51       |
| 21. | 85      | 83       | 21. | 63      | 67       |
| 22. | 77      | 83       | 22. | 79      | 75       |
| 23. | 78      | 76       | 23. | 75      | 73       |
| 24. | 67      | 63       | 24. | 72      | 76       |
| 25. | 78      | 72       | 25. | 69      | 71       |
| 26. | 74      | 76       | 26. | 68      | 72       |
| 27. | 60      | 64       | 27. | 65      | 54       |
| 28. | 74      | 70       | 28. | 72      | 68       |
| 29. | 66      | 64       | 29. | 69      | 65       |
| 30. | 73      | 71       | 30. | 76      | 74       |
| 31. | 63      | 67       | 31. | 67      | 63       |
| 32. | 50      | 62       | 32. | 71      | 69       |
| 33. | 81      | 79       | 33. | 73      | 77       |
| 34. | 72      | 68       | 34. | 74      | 78       |
| 35. | 64      | 66       | 35. | 72      | 68       |

**APPENDIX V**  
**THE WRITING SCORES**  
**(RESCORING)**

**TABLE X**  
**THE WRITING SCORES OF THE FIRST TREATMENT**  
**(RESCORING)**

| NO  | GROUP A |     |     | NO  | GROUP B |     |     |
|-----|---------|-----|-----|-----|---------|-----|-----|
|     | R-1     | R-2 | R-3 |     | R-1     | R-2 | R-3 |
| 1.  | 72      | 80  | -   | 1.  | 71      | 60  | 64  |
| 2.  | 84      | 89  | -   | 2.  | 52      | 48  | -   |
| 3.  | 55      | 60  | -   | 3.  | 65      | 63  | -   |
| 4.  | 73      | 84  | 79  | 4.  | 69      | 65  | -   |
| 5.  | 66      | 70  | -   | 5.  | 63      | 67  | -   |
| 6.  | 54      | 59  | -   | 6.  | 66      | 68  | -   |
| 7.  | 50      | 54  | -   | 7.  | 59      | 57  | -   |
| 8.  | 80      | 86  | -   | 8.  | 69      | 73  | -   |
| 9.  | 51      | 55  | -   | 9.  | 46      | 55  | 51  |
| 10. | 52      | 58  | -   | 10. | 48      | 50  | -   |
| 11. | 57      | 63  | -   | 11. | 68      | 64  | -   |
| 12. | 70      | 81  | 74  | 12. | 67      | 69  | -   |
| 13. | 52      | 46  | -   | 13. | 45      | 47  | -   |
| 14. | 89      | 85  | -   | 14. | 45      | 49  | -   |
| 15. | 81      | 87  | -   | 15. | 38      | 42  | -   |
| 16. | 81      | 87  | -   | 16. | 55      | 59  | -   |
| 17. | 75      | 69  | -   | 17. | 55      | 49  | -   |
| 18. | 74      | 85  | 82  | 18. | 75      | 71  | -   |
| 19. | 83      | 78  | -   | 19. | 64      | 75  | 68  |
| 20. | 75      | 79  | -   | 20. | 73      | 67  | -   |
| 21. | 87      | 83  | -   | 21. | 57      | 66  | 63  |
| 22. | 87      | 83  | -   | 22. | 69      | 75  | -   |
| 23. | 68      | 58  | -   | 23. | 74      | 70  | -   |
| 24. | 57      | 51  | -   | 24. | 67      | 63  | -   |
| 25. | 70      | 60  | 65  | 25. | 62      | 66  | -   |
| 26. | 78      | 84  | -   | 26. | 67      | 64  | -   |
| 27. | 54      | 59  | -   | 27. | 67      | 61  | -   |
| 28. | 61      | 57  | -   | 28. | 75      | 79  | -   |
| 29. | 61      | 57  | -   | 29. | 77      | 73  | -   |
| 30. | 72      | 76  | -   | 30. | 70      | 66  | -   |
| 31. | 78      | 70  | -   | 31. | 67      | 72  | -   |
| 32. | 59      | 53  | -   | 32. | 68      | 75  | -   |
| 33. | 75      | 79  | -   | 33. | 66      | 70  | -   |
| 34. | 76      | 72  | -   | 34. | 72      | 68  | -   |
| 35. | 57      | 51  | -   | 35. | 80      | 69  | 77  |



**TABLE XI**  
**THE WRITING SCORES OF THE SECOND TREATMENT**  
**(RESCORING)**

| NO  | GROUP A |     |     | NO  | GROUP B |     |     |
|-----|---------|-----|-----|-----|---------|-----|-----|
|     | R-1     | R-2 | R-3 |     | R-1     | R-2 | R-3 |
| 1.  | 82      | 78  | -   | 1.  | 65      | 75  | 71  |
| 2.  | 80      | 74  | -   | 2.  | 67      | 63  | -   |
| 3.  | 72      | 76  | -   | 3.  | 59      | 63  | -   |
| 4.  | 80      | 74  | -   | 4.  | 59      | 63  | -   |
| 5.  | 64      | 68  | -   | 5.  | 58      | 62  | -   |
| 6.  | 62      | 72  | 66  | 6.  | 63      | 57  | -   |
| 7.  | 59      | 53  | -   | 7.  | 61      | 70  | 60  |
| 8.  | 83      | 79  | -   | 8.  | 73      | 71  | -   |
| 9.  | 64      | 68  | -   | 9.  | 52      | 56  | -   |
| 10. | 62      | 66  | -   | 10. | 55      | 49  | -   |
| 11. | 72      | 66  | -   | 11. | 63      | 59  | -   |
| 12. | 72      | 66  | -   | 12. | 64      | 66  | -   |
| 13. | 74      | 63  | 68  | 13. | 60      | 62  | -   |
| 14. | 83      | 79  | -   | 14. | 54      | 58  | -   |
| 15. | 82      | 86  | -   | 15. | 33      | 35  | -   |
| 16. | 81      | 85  | -   | 16. | 75      | 71  | -   |
| 17. | 75      | 79  | -   | 17. | 57      | 53  | -   |
| 18. | 75      | 79  | -   | 18. | 72      | 68  | -   |
| 19. | 65      | 76  | 70  | 19. | 69      | 71  | -   |
| 20. | 73      | 75  | -   | 20. | 61      | 65  | -   |
| 21. | 78      | 84  | -   | 21. | 54      | 65  | 58  |
| 22. | 80      | 82  | -   | 22. | 70      | 74  | -   |
| 23. | 69      | 71  | -   | 23. | 63      | 65  | -   |
| 24. | 72      | 60  | 73  | 24. | 62      | 58  | -   |
| 25. | 80      | 76  | -   | 25. | 70      | 72  | -   |
| 26. | 75      | 79  | -   | 26. | 67      | 71  | -   |
| 27. | 50      | 62  | 55  | 27. | 63      | 67  | -   |
| 28. | 64      | 68  | -   | 28. | 66      | 64  | -   |
| 29. | 54      | 58  | -   | 29. | 73      | 73  | -   |
| 30. | 70      | 68  | -   | 30. | 72      | 74  | -   |
| 31. | 71      | 75  | -   | 31. | 70      | 66  | -   |
| 32. | 56      | 58  | -   | 32. | 64      | 68  | -   |
| 33. | 83      | 81  | -   | 33. | 70      | 74  | -   |
| 34. | 74      | 78  | -   | 34. | 80      | 76  | -   |
| 35. | 62      | 53  | 58  | 35. | 64      | 78  | -   |

**TABLE XII**  
**THE WRITING SCORES OF THE THIRD TREATMENT**  
**(RESCORING)**

| NO  | GROUP A |     |     | NO  | GROUP B |     |     |
|-----|---------|-----|-----|-----|---------|-----|-----|
|     | R-1     | R-2 | R-3 |     | R-1     | R—2 | R-3 |
| 1.  | 86      | 84  | -   | 1.  | 64      | 68  | -   |
| 2.  | 84      | 86  | -   | 2.  | 61      | 65  | -   |
| 3.  | 79      | 75  | -   | 3.  | 66      | 62  | -   |
| 4.  | 78      | 80  | -   | 4.  | 65      | 54  | 64  |
| 5.  | 65      | 61  | -   | 5.  | 73      | 67  | -   |
| 6.  | 67      | 63  | -   | 6.  | 69      | 71  | -   |
| 7.  | 64      | 66  | -   | 7.  | 63      | 57  | -   |
| 8.  | 72      | 83  | 78  | 8.  | 70      | 61  | 65  |
| 9.  | 63      | 57  | -   | 9.  | 55      | 49  | -   |
| 10. | 67      | 63  | -   | 10. | 49      | 51  | -   |
| 11. | 66      | 62  | -   | 11. | 67      | 63  | -   |
| 12. | 67      | 63  | -   | 12. | 62      | 58  | -   |
| 13. | 65      | 61  | -   | 13. | 57      | 53  | -   |
| 14. | 78      | 76  | -   | 14. | 60      | 56  | -   |
| 15. | 80      | 84  | -   | 15. | 42      | 31  | 35  |
| 16. | 81      | 83  | -   | 16. | 70      | 66  | -   |
| 17. | 78      | 71  | -   | 17. | 64      | 60  | -   |
| 18. | 73      | 77  | -   | 18. | 71      | 77  | -   |
| 19. | 77      | 73  | -   | 19. | 70      | 74  | -   |
| 20. | 83      | 77  | -   | 20. | 60      | 51  | 57  |
| 21. | 85      | 83  | -   | 21. | 63      | 67  | -   |
| 22. | 77      | 83  | -   | 22. | 79      | 75  | -   |
| 23. | 78      | 76  | -   | 23. | 75      | 73  | -   |
| 24. | 67      | 63  | -   | 24. | 72      | 76  | -   |
| 25. | 78      | 72  | -   | 25. | 69      | 71  | -   |
| 26. | 74      | 76  | -   | 26. | 68      | 72  | -   |
| 27. | 60      | 64  | -   | 27. | 65      | 54  | 58  |
| 28. | 74      | 70  | -   | 28. | 72      | 68  | -   |
| 29. | 66      | 64  | -   | 29. | 69      | 65  | -   |
| 30. | 73      | 71  | -   | 30. | 76      | 74  | -   |
| 31. | 63      | 67  | -   | 31. | 67      | 63  | -   |
| 32. | 50      | 62  | 55  | 32. | 71      | 69  | -   |
| 33. | 81      | 79  | -   | 33. | 73      | 77  | -   |
| 34. | 72      | 68  | -   | 34. | 74      | 78  | -   |
| 35. | 64      | 66  | -   | 35. | 72      | 68  | -   |

**APPENDIX VI**  
**THE CALCULATION OF THE TREATMENTS**

**TABLE XIII**  
**CALCULATION OF THE FIRST TEATMENTS**  
**( HUNTING )**

| No.          | Xa       | x <sup>2</sup> A | xB       | x <sup>2</sup> B |
|--------------|----------|------------------|----------|------------------|
| 1.           | 76       | 5776             | 64       | 4096             |
| 2.           | 86       | 7396             | 50       | 2500             |
| 3.           | 57       | 3249             | 64       | 4096             |
| 4.           | 79       | 6241             | 67       | 4489             |
| 5.           | 68       | 4624             | 65       | 4225             |
| 6.           | 57       | 3249             | 67       | 4489             |
| 7.           | 52       | 2704             | 58       | 3364             |
| 8.           | 83       | 6339             | 71       | 5041             |
| 9.           | 53       | 2809             | 51       | 2601             |
| 10.          | 55       | 3025             | 49       | 2401             |
| 11.          | 60       | 3600             | 66       | 4356             |
| 12.          | 73       | 5329             | 68       | 4624             |
| 13.          | 49       | 2401             | 46       | 2116             |
| 14.          | 87       | 7569             | 47       | 2209             |
| 15.          | 84       | 7056             | 40       | 1600             |
| 16.          | 84       | 7056             | 57       | 3249             |
| 17.          | 72       | 5184             | 52       | 2704             |
| 18.          | 82       | 6724             | 73       | 5329             |
| 19.          | 81       | 6561             | 68       | 4624             |
| 20.          | 77       | 5929             | 70       | 4900             |
| 21.          | 85       | 7225             | 63       | 3969             |
| 22.          | 85       | 7225             | 72       | 5184             |
| 23.          | 63       | 3969             | 72       | 5184             |
| 24.          | 54       | 2916             | 65       | 4225             |
| 25.          | 65       | 4225             | 64       | 4096             |
| 26.          | 81       | 6561             | 65       | 4225             |
| 27.          | 56       | 3136             | 64       | 4096             |
| 28.          | 59       | 3481             | 77       | 5929             |
| 29.          | 59       | 3481             | 75       | 5625             |
| 30.          | 74       | 5476             | 69       | 4624             |
| 31.          | 75       | 5625             | 69       | 4761             |
| 32.          | 56       | 3136             | 71       | 5041             |
| 33.          | 77       | 5929             | 68       | 4624             |
| 34.          | 74       | 5476             | 70       | 4900             |
| 35.          | 54       | 2916             | 77       | 5929             |
| <b>TOTAL</b> | 2432     | 174148           | 2233     | 145425           |
| <b>n</b>     | 35       |                  | 35       |                  |
| <b>MEAN</b>  | 69.48571 |                  | 63.8     |                  |
| <b>SD</b>    | 12.31778 |                  | 9.329901 |                  |

## TESTS OF HYPOTHESES :

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

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

2. t-test, where  $df. = n_A + n_B - 2 = 68$  ;  $t(0.05) = 1.671$

3. Calculation for t observation (to) :

### A. PICTURE SERIES

$$\bar{x} = \frac{\sum x}{n} = 69.48571 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 12.31778$$

### B. DIALOGUES

$$\bar{x} = \frac{\sum x}{n} = 63.8 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 9.329901$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s^2_A + (n_B - 1)s^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = 2.177$$

## 4. Conclusion :

Because / t observation / = 3.344305 > t (0.05)

So  $H_0$  is rejected. Hence we conclude that the difference between groups is significant, and that A group is greater.

**TABLE XIV**  
**CALCULATION OF THE SECOND TREATMENTS**  
**( PICNIC )**

| No.          | xA       | x <sup>2</sup> A | xB       | x <sup>2</sup> B |
|--------------|----------|------------------|----------|------------------|
| 1.           | 85       | 7225             | 66       | 4356             |
| 2.           | 85       | 7225             | 63       | 3969             |
| 3.           | 77       | 5929             | 64       | 4096             |
| 4.           | 79       | 6241             | 64       | 4096             |
| 5.           | 63       | 3969             | 70       | 4900             |
| 6.           | 65       | 4225             | 70       | 4900             |
| 7.           | 65       | 4225             | 60       | 3600             |
| 8.           | 78       | 6084             | 65       | 4225             |
| 9.           | 60       | 3600             | 52       | 2704             |
| 10.          | 65       | 4225             | 50       | 2500             |
| 11.          | 64       | 4096             | 65       | 4225             |
| 12.          | 65       | 4225             | 60       | 3600             |
| 13.          | 63       | 3969             | 55       | 3025             |
| 14.          | 77       | 5929             | 58       | 3364             |
| 15.          | 82       | 6724             | 35       | 1225             |
| 16.          | 82       | 6724             | 68       | 4624             |
| 17.          | 75       | 5625             | 62       | 3844             |
| 18.          | 75       | 5625             | 74       | 5476             |
| 19.          | 75       | 5625             | 72       | 5184             |
| 20.          | 80       | 6400             | 57       | 3249             |
| 21.          | 84       | 7056             | 65       | 4225             |
| 22.          | 50       | 6400             | 77       | 5929             |
| 23.          | 77       | 5929             | 74       | 5476             |
| 24.          | 65       | 4225             | 74       | 5476             |
| 25.          | 75       | 5625             | 70       | 4900             |
| 26.          | 75       | 5625             | 70       | 4900             |
| 27.          | 62       | 3844             | 58       | 3364             |
| 28.          | 72       | 5184             | 70       | 4900             |
| 29.          | 65       | 4225             | 67       | 4499             |
| 30.          | 72       | 5184             | 75       | 5625             |
| 31.          | 65       | 4225             | 65       | 4225             |
| 32.          | 55       | 3025             | 70       | 4900             |
| 33.          | 50       | 6400             | 75       | 5625             |
| 34.          | 70       | 4900             | 76       | 5776             |
| 35.          | 65       | 4225             | 70       | 4900             |
| <b>TOTAL</b> | 2522     | 183962           | 2286     | 151872           |
| <b>n</b>     | 35       |                  | 35       |                  |
| <b>MEAN</b>  | 72.05714 |                  | 65.31428 |                  |
| <b>SD</b>    | 8.105709 |                  | 8.683220 |                  |

## TESTS OF HYPOTHESES :

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

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

2. t-test, where  $df. = n_A + n_B - 2 = 68$  ;  $t(0.05) = 1.671$

3. Calculation for t observation (to) :

### A. PICTURE SERIES

$$\bar{x} = \frac{\sum x}{n} = 72.05714 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.105709$$

### B. DIALOGUES

$$\bar{x} = \frac{\sum x}{n} = 65.31428 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.683220$$

$$to = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s^2_A + (n_B - 1)s^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = 3.358$$

4. Conclusion :

Because / t observation / = 3.358251 > t (0.05)

So  $H_0$  is rejected.

Hence we conclude that the difference between groups is significant, and that A group is greater.

**TABLE XV**  
**CALCULATION OF THE THIRD TREATMENTS**  
**( IN A SATURDAY NIGHT )**

| N            | xA       | x <sup>2</sup> A | xB       | x <sup>2</sup> B |
|--------------|----------|------------------|----------|------------------|
| 1.           | 80       | 6400             | 71       | 5041             |
| 2.           | 77       | 5929             | 65       | 4225             |
| 3.           | 74       | 5476             | 61       | 3721             |
| 4.           | 77       | 5929             | 61       | 3721             |
| 5.           | 66       | 4356             | 60       | 3600             |
| 6.           | 67       | 4489             | 60       | 3600             |
| 7.           | 56       | 3136             | 60       | 3600             |
| 8.           | 81       | 6561             | 72       | 5184             |
| 9.           | 66       | 4356             | 54       | 2916             |
| 10.          | 64       | 4096             | 52       | 2704             |
| 11.          | 69       | 4761             | 61       | 3721             |
| 12.          | 69       | 4761             | 65       | 4225             |
| 13.          | 68       | 4624             | 58       | 3364             |
| 14.          | 81       | 6561             | 56       | 3136             |
| 15.          | 84       | 7056             | 34       | 1156             |
| 16.          | 83       | 6889             | 73       | 5329             |
| 17.          | 77       | 5929             | 55       | 3025             |
| 18.          | 77       | 5929             | 70       | 4900             |
| 19.          | 70       | 4900             | 70       | 4900             |
| 20.          | 74       | 5476             | 63       | 3969             |
| 21.          | 81       | 6561             | 58       | 3364             |
| 22.          | 78       | 6084             | 72       | 5184             |
| 23.          | 70       | 4900             | 64       | 4096             |
| 24.          | 73       | 5329             | 60       | 3600             |
| 25.          | 78       | 6084             | 71       | 5041             |
| 26.          | 77       | 5929             | 69       | 4761             |
| 27.          | 56       | 3136             | 65       | 4225             |
| 28.          | 66       | 4356             | 65       | 4225             |
| 29.          | 56       | 3136             | 70       | 4900             |
| 30.          | 69       | 4761             | 73       | 5329             |
| 31.          | 73       | 5329             | 68       | 4624             |
| 32.          | 57       | 3249             | 66       | 4356             |
| 33.          | 82       | 6724             | 72       | 5184             |
| 34.          | 76       | 5776             | 78       | 6084             |
| 35.          | 58       | 3364             | 66       | 4356             |
| <b>TOTAL</b> | 2510     | 182332           | 2238     | 145366           |
| <b>n</b>     | 35       |                  | 35       |                  |
| <b>MEAN</b>  | 71.71428 |                  | 63.94295 |                  |
| <b>SD</b>    | 8.276726 |                  | 8.156350 |                  |



## TESTS OF HYPOTHESES :

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

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

2. t-test, where  $df. = n_A + n_B - 2 = 68$  ;  $t(0.05) = 1.671$

3. Calculation for t observation ( $t_o$ ) :

### A. PICTURE SERIES

$$\bar{x} = \frac{\sum x}{n} = 71.71428 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.276726$$

### B. DIALOGUES

$$\bar{x} = \frac{\sum x}{n} = 63.94285 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.156350$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s^2_A + (n_B - 1)s^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = 3.957$$

4. Conclusion :

Because / t observation / = 3.956574 > t (0.05)

So  $H_0$  is rejected.

Hence we conclude that the difference between groups is significant, and that A group is greater.

**TABLE XVI**  
**CALCULATION OF THE TOTAL RESULTS**  
**( HUNTING, IN A SATURDAY NIGHT, PICNIC )**

| No.          | xA       | x <sup>2</sup> A | xB       | x <sup>2</sup> B |
|--------------|----------|------------------|----------|------------------|
| 1.           | 80.3     | 6448.09          | 67       | 4489             |
| 2.           | 82.7     | 6839.29          | 59.3     | 3516.49          |
| 3.           | 69.3     | 4802.49          | 63       | 3969             |
| 4.           | 78.3     | 6130.89          | 64       | 4096             |
| 5.           | 65.7     | 4316.49          | 65       | 4225             |
| 6.           | 63       | 3969             | 65.7     | 4316.49          |
| 7.           | 57.7     | 3329.29          | 59.3     | 3516.49          |
| 8.           | 80.7     | 6512.49          | 69.3     | 4802.49          |
| 9.           | 59.7     | 3564.09          | 52.3     | 2735.29          |
| 10.          | 61.3     | 3757.69          | 50.3     | 2530.09          |
| 11.          | 64.3     | 4134.49          | 64       | 4096             |
| 12.          | 69       | 4761             | 64.3     | 4134.49          |
| 13.          | 60       | 3600             | 53       | 2809             |
| 14.          | 81.7     | 6674.89          | 53.7     | 2883.69          |
| 15.          | 83.3     | 6938.89          | 36.3     | 1317.69          |
| 16.          | 83       | 6889             | 66       | 4356             |
| 17.          | 74.7     | 5580.09          | 56.3     | 3169.69          |
| 18.          | 78       | 6084             | 72.3     | 5227.29          |
| 19.          | 75.3     | 5670.09          | 70       | 4900             |
| 20.          | 77       | 5929             | 63.3     | 4006.89          |
| 21.          | 83.3     | 6938.89          | 62       | 7.844            |
| 22.          | 81       | 6561             | 73.7     | 5431.69          |
| 23.          | 70       | 4900             | 70       | 4900             |
| 24.          | 64       | 4096             | 66.3     | 4395.69          |
| 25.          | 72.7     | 5285.29          | 68.3     | 4664.89          |
| 26.          | 77.7     | 6037.29          | 68       | 4624             |
| 27.          | 58       | 3364             | 62.3     | 3881.29          |
| 28.          | 65.7     | 4316.49          | 70.7     | 4998.49          |
| 29.          | 60       | 3600             | 70.7     | 4998.49          |
| 30.          | 71.7     | 5140.89          | 72       | 5184             |
| 31.          | 71       | 5041             | 67.3     | 4529.29          |
| 32.          | 56       | 3136             | 69       | 4761             |
| 33.          | 79.7     | 6352.09          | 71.7     | 5140.89          |
| 34.          | 73.3     | 5372.89          | 74.7     | 5580.09          |
| 35.          | 59       | 3481             | 71       | 5041             |
| <b>TOTAL</b> | 2488.1   | 179554.09        | 2252.1   | 147071.89        |
| <b>n</b>     | 35       |                  | 35       |                  |
| <b>MEAN</b>  | 71.08857 |                  | 64.34571 |                  |
| <b>SD</b>    | 8.875967 |                  | 7.968516 |                  |

## TESTS OF HYPOTHESES :

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

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

2. t-test, where  $df. = n_A + n_B - 2 = 68$  ;  $t(0.05) = 1.671$

3. Calculation for t observation ( $t_o$ ) :

### A. PICTURE SERIES

$$\bar{x} = \frac{\sum x}{n} = 71.08857 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 8.875967$$

### B. DIALOGUES

$$\bar{x} = \frac{\sum x}{n} = 64.34571 \quad ; n = 35$$

$$s = \sqrt{\frac{n\sum x^2 - (\sum x)^2}{n(n-1)}} = 7.968516$$

$$t_o = \frac{\bar{x}_A - \bar{x}_B}{\sqrt{\frac{(n_A - 1)s^2_A + (n_B - 1)s^2_B}{n_A + n_B - 2} \left( \frac{1}{n_A} + \frac{1}{n_B} \right)}} = 3.344$$

4. Conclusion :

Because / t observation / = 3.344305 > t (0.05)

So  $H_0$  is rejected.

Hence we conclude that the difference between groups is significant, and that A group is greater.

**APPENDIX VII**  
**THE MODIFICATION OF ESL COMPOSITION PROFILE**

# THE MODIFICATION OF ESL COMPOSITION PROFILE

STUDENT:

DATE:

TOPIC:

| SCORE        | LEVEL | CRITERIA  | COMMENT |
|--------------|-------|---|---------|
| CONTENT      | 30-27 | Excellent to very good<br>- Knowledgeable<br>- Relevant to assigned topic   |         |
|              | 26-22 | Good to average<br>- Some knowledge of subjects<br>- Mostly relevant to topic but lacks details   |         |
|              | 21-17 | Fair to poor<br>- limited knowledge of subjects   |         |
|              | 16-13 | Very poor<br>- Doesn't show knowledge of subject<br>- Not pertinent<br>- Not enough to evaluate   |         |
| ORGANIZATION | 20-18 | Excellent to very good<br>- Fluent expression<br>- Ideas clearly stated<br>- Well organized<br>- Logical sequencing                               |         |
|              | 17-14 | Good to average<br>- Some what choppy<br>- Loosely organized but main ideas stand out<br>- Limited support<br>- Logical but incomplete sequencing |         |

|            |       |  |  |
|------------|-------|--|--|
| VOCABULARY | 13-10 | Fair to poor   |  |
|            |       | <ul style="list-style-type: none"> <li>- Not fluent</li> <li>- Ideas confused or disconnected</li> <li>- Lacks logical sequencing</li> </ul>                             |  |
|            | 9-7   | Very poor  |  |
|            |       | <ul style="list-style-type: none"> <li>- Does not communicate</li> <li>- No organization</li> <li>- Not enough to evaluate</li> </ul>                                    |  |
|            | 20-18 | Excellent to very good   |  |
|            |       | <ul style="list-style-type: none"> <li>- Effective words/ idioms, choice, and usage</li> <li>- Appropriate register</li> </ul>   |  |
|            | 17-14 | Good to average  |  |
|            |       | <ul style="list-style-type: none"> <li>- Adequate range</li> <li>- Occasional errors of words/idioms, choice, and usage</li> <li>- Meaning not obscured</li> </ul>       |  |
|            | 13-10 | Fair to poor   |  |
|            |       | <ul style="list-style-type: none"> <li>- Limited range</li> <li>- Frequent errors of words/idioms, choice, and usage</li> <li>- Meaning confused and obscured</li> </ul> |  |
|            | 9-7   | Very poor  |  |
|            |       | <ul style="list-style-type: none"> <li>- Essentially translation</li> <li>- Little knowledge of English Vocabulary</li> <li>- Not enough evaluate</li> </ul>             |  |

|              |       |  |  |
|--------------|-------|--|--|
| LANGUAGE USE | 25-22 | Excellent to very good   |  |
|              |       | <ul style="list-style-type: none"> <li>- Effective constructions</li> <li>- Few errors of agreement, tense, number, word order, articles, pronouns, and preposition</li> </ul>   |  |
|              | 21-18 | Fair to average  |  |
|              |       | <ul style="list-style-type: none"> <li>- Simple construction</li> <li>- Several errors of agreement, tense, number, word order, articles, pronouns, and preposition</li> <li>- Meaning seldom obscured</li> </ul>                        |  |
|              | 17-11 | Fair to poor   |  |
|              |       | <ul style="list-style-type: none"> <li>- Major problem in simple construction</li> <li>- Frequent errors of agreement, tense, number, word order, articles, pronoun, and preposition</li> <li>- Meaning confused and obscured</li> </ul> |  |
|              | 10-5  | Very poor  |  |
|              |       | <ul style="list-style-type: none"> <li>- No mastery of sentence construction rules</li> <li>- Dominated by errors</li> <li>- Doesn't communicate</li> <li>- Not enough to evaluate</li> </ul>  |  |
| MECHANIC     | 5     | Excellent to very good   |  |
|              |       | <ul style="list-style-type: none"> <li>- Few errors of spelling, punctuation, capitalization</li> </ul>  |  |
|              | 4     | Fair to very good  |  |

|  |   |   |  |
|--|---|---|--|
|  |   | <ul style="list-style-type: none"> <li>- Occasional errors of spelling, punctuation, capitalization</li> <li>- Meaning not obscured</li> </ul>                                      |  |
|  | 3 | Fair to poor  |  |
|  |   | <ul style="list-style-type: none"> <li>- Frequent errors of spelling, punctuation, capitalization</li> <li>- Meaning confused/obscured</li> </ul>                                   |  |
|  | 2 | Very poor   |  |
|  |   | <ul style="list-style-type: none"> <li>- Dominated by errors of spelling, punctuation, capitalization</li> <li>- Handwriting illegible</li> <li>- Not enough to evaluate</li> </ul> |  |

SCORE :



## TABEL - t

HARGA - HARGA t

| df = tk | t(.100) | t(.050) | t(.025) | t(.010) | t(.005) |
|---------|---------|---------|---------|---------|---------|
| 1       | 3.078   | 6.314   | 12.706  | 31.821  | 63.657  |
| 2       | 1.886   | 2.920   | 4.303   | 6.965   | 9.925   |
| 3       | 1.638   | 2.353   | 3.182   | 4.541   | 5.841   |
| 4       | 1.533   | 2.132   | 2.776   | 3.747   | 4.604   |
| 5       | 1.476   | 2.015   | 2.571   | 3.365   | 4.032   |
| 6       | 1.440   | 1.943   | 2.447   | 3.143   | 3.707   |
| 7       | 1.418   | 1.895   | 2.365   | 2.998   | 3.499   |
| 8       | 1.397   | 1.860   | 2.306   | 2.896   | 3.355   |
| 9       | 1.383   | 1.833   | 2.262   | 2.821   | 3.250   |
| 10      | 1.372   | 1.812   | 2.228   | 2.764   | 3.169   |
| 11      | 1.363   | 1.796   | 2.201   | 2.718   | 3.106   |
| 12      | 1.356   | 1.782   | 2.179   | 2.681   | 3.055   |
| 13      | 1.350   | 1.771   | 2.160   | 2.650   | 3.012   |
| 14      | 1.345   | 1.761   | 2.145   | 2.624   | 2.977   |
| 15      | 1.341   | 1.753   | 2.131   | 2.602   | 2.947   |
| 16      | 1.337   | 1.746   | 2.120   | 2.583   | 2.921   |
| 17      | 1.333   | 1.740   | 2.110   | 2.567   | 2.898   |
| 18      | 1.332   | 1.734   | 2.101   | 2.552   | 2.878   |
| 19      | 1.328   | 1.729   | 2.093   | 2.539   | 2.861   |
| 20      | 1.325   | 1.725   | 2.086   | 2.528   | 2.845   |
| 21      | 1.323   | 1.721   | 2.080   | 2.518   | 2.831   |
| 22      | 1.321   | 1.717   | 2.074   | 2.508   | 2.819   |
| 23      | 1.319   | 1.714   | 2.069   | 2.500   | 2.807   |
| 24      | 1.318   | 1.711   | 2.064   | 2.492   | 2.797   |
| 25      | 1.316   | 1.708   | 2.060   | 2.485   | 2.787   |
| 26      | 1.315   | 1.706   | 2.042   | 2.475   | 2.779   |
| 27      | 1.314   | 1.703   | 2.052   | 2.473   | 2.771   |
| 28      | 1.313   | 1.701   | 2.048   | 2.467   | 2.763   |
| 29      | 1.311   | 1.699   | 2.045   | 2.462   | 2.756   |
| 30      | 1.310   | 1.697   | 2.042   | 2.457   | 2.750   |
| 40      | 1.303   | 1.684   | 2.021   | 2.423   | 2.704   |
| 60      | 1.296   | 1.671   | 2.000   | 2.390   | 2.660   |
| 120     | 1.289   | 1.658   | 1.980   | 2.358   | 2.617   |
| inf     | 1.282   | 1.645   | 1.960   | 2.326   | 2.576   |

**APPENDIX IX**  
**THE EXAMPLE OF STUDENTS' WORKS**

## HUNTING

Sometimes I go to the jungle. The jungle is so thick. I can't even see the sky. I go there with my friend. There are so many monkeys. They freely swing from one branch to another.

My friend says , we must remember that we are hunters . We must go into the forest, then find the animals, follow them, and finally shoot the animals.

And finally, we see animals. My friend follows their tracks. I wonder whose tracks they are. We must be quiet and careful. we must not miss them. And I think we better bend our back so we can see the tracks more clearly.

But we make a mistake. They are very huge tiger's tracks and we are to close to him. We must run.

## HUNTING

One day, me and my friend go to the jungle. There, we build a camp to stay at the forest for four days.

After we build a camp, we go for hunting some animals using traps and rope. After we set out traps, we go back to our camp and wait there for a view hours. After that, we're go back to a place where we set our traps to see what we have got for our dinner. After we get there, we so surprised because we see a huge tiger in our trap. We so afraid of that and we run away.