## ATTACHMENT 1. Instruments of Try-Out

## 1. English Language Competency Test

## Listening Test

## A. Listen to the dialogue carefully for questions number 1 to 5!



1. What competition is discussed in the dialogue?
a. Public speaking
c. Story telling
b. Debate
d. Singing
2. Who will take part in the competition?
a. Faisal
c. Faisal's friend
b. Dirga
d. Dirga's friend
3. Where the competition will be held based on dialogue?
a. Jakarta
c. Yogyakarta
b. Surabaya
d. Bali
4. What is the expression of hope mentioned in the dialogue?
a. That's why I am so nervous.
b. Really?
c. I hope you will be the winner of the competition.
d. Thank you.
5. "When will you participate in the competition?"

The underlined word has the same meaning with
a. win
c. join
b. perform
d. make

## Listen to the dialogue carefully for questions number 6 to 10!


6. How many people are there in the dialogue?
a. 2 people
b. 3 people
c. 4 people
d. 5 people
7. Based on the dialogue, where do they plan the company outing?
a. In the beach
c. In the mountains
b. In the museum
d. In the waterfall
8. "I agree, I think that would be perfect!"

What kind of expression is it?
a. Asking agreement
b. Stating agreement
c. Asking opinion
d. Stating disagreement
9. "That might be a little too cold for some people."

Anonymous from the underlined word is
a. icy
b. hot
c. cool
d. dry
10. Based on the dialogue, what will they do next?
a. They will go on a company outing
b. They will go on a champing
c. They plan to work together
d. They will do a survey
B. Listen to the dialogue carefully for questions number 11 to 13 !

11. How many people are there in the dialogue?

Answer:
12. What is the expression of congratulation mentioned in the dialogue?

Answer: $\qquad$
13. How is to be a good football player according to dialogue?

Answer: $\qquad$

## Listen to the monologue carefully for questions number 14 to 15 !


14. Based on statement 1, does the speaker agree that the t-shirt worn is suitable?

Answer:
15. Based on statement 2, what musical instruments do the speakers think that are easy to play?
Answer: $\qquad$

Listen to the monologue carefully for questions number 16 to 20 !

16. What is the name of the product?

Answer: $\qquad$
17. How many times is the recommended use per day? Answer:
18. What advice is recommended if irritation occurs?

Answer:
19. What is the net weight of the product?

Answer:
20. Can the product be used until February 2023?

Answer:

## Speaking Test

## Choose of the tasks you want to do:

1. Tell me about your hope in the future and things you will do if you got the second chance to fix the past. Use the expression of hope and wish. Tell me about it in 5-10 sentences.
2. Tell me about your agreement or disagreement if we should take some vitamins every day to keep our body healthy. Tell me about it in 5-10 sentences.

Scoring Rubric For Speaking Test

| ASPECT | SCORE | DESCRIPTION |  |
| :---: | :---: | :---: | :---: |
| Pronunciation | 5 | $\square$ | Easy to understand and has a native speaker's accent. |
|  | 4 | $\square$ | Easy to understand with a certain accent and pronunciation errors are quite rare. |
|  | $3$ | - | There are some problems in pronunciation but still understandable. |
|  | $2$ | ロ | Mispronunciation is common, but understandable. |
|  | 1 |  | Mispronunciations are common and difficult to understand. |
| Grammar | 5 | $\square$ | There are no or little mistakes in grammar. |
|  | 4 |  | Able to use the language accurately and sometimes makes mistakes in grammar, but it doesn't influence the meaning. |
|  | 3 | $\square$ | Often makes mistake in grammar and it influences the meaning |
|  |  | - 11 | There are many mistakes in grammar which made hinder in meaning and should re-arrange sentence, but they are still understandable. |
|  | 1 | $\square$ | Errors in grammar are frequent, so it is difficult to understand. |
| Vocabulary | 5 | $\square$ | Using vocabulary and expression like native speaker |
|  | 4 | $\square$ | Sometimes using vocabulary which is not appropriate |
|  | 3 | $\square$ | Using vocabulary which is not appropriate, conversation becomes limited because the vocabulary is limited |
|  | 2 | $\square$ | Using wrong vocabulary and it is limited so it is difficult to understand |



Adapted from Brown and Abeywickrama (2018, pp. 184-185)

## Reading Test

## A. Choose the correct answer by crossing ( $\mathbf{X}$ ) a, b, c, or d!

Dialogue for questions number 1 to 5
Bunga : Hi, Sarah. You look so happy, is there anything special?
Sarah : I get a message from my sister that I got a motorcycle from my father's office.

Bunga : Wow. That's really great. How can you get it?
Sarah : Yeah. My father's office will give some prizes to the staff's children if they have a good skill in music or sport.

Bunga : That's great. I know that you're an athlete so you have good skill in sport. Congratulations, girl!

Sarah : I am happy about it. Thank you, but I'm still learning to be a good athlete.

1. How many people are there in the dialogue?
a. 2 people
b. 3 people
c. 4 people
d. 5 people
2. Who got the prize?
a. Sarah
c. Staff
b. Sarah's father
d. Bunga
3. How the girl could get the prize? It is because ....
a. She got the first rank in her class
c. She buys a lottery
b. She is a good girl
d. She has a good skill in sports
4. What is the expression of congratulation mentioned in the dialogue?
a. Congratulation, girl!
b. Hi, Sarah.
c. Thank you, but I'm still learning to be a good athlete
d. How can you get it?
5. Who will give the prize for the girl?
a. Her father
c. Her father office
b. Her friends
d. Her friends' father

Dialogue for questions number 6 to 10
Adi : Dara, congratulations for being the first winner of the school story telling competition! Excellent. You really did it well.

Dara : Thanks, Adi.
Adi : I heard that you will be a representative of our school in the story telling competition of our regency. Is it true?

Dara : Yes, you're right.
Adi : I hope you will win as well as in the this competition.
Dara : I hope so. But I'm nervous.
Adi : Don't worry, you're a very good story teller. Good luck.
Dara : Thanks. I'll do my best. Wish me luck.
6. What competition did Dara join in ?
a. Debate
c. Public speaking
b. Story telling
d. Singing
7. Who congratulates Dara?
a. Adi
c. The teacher
b. Dara
d. Cita's brother
8. What is the next competition level will Dara join?
a. Province
c. Regency
b. National
d. International
9. What is Adi's hope for Dara?
a. That she will find new style
c. To find new friend
b. That she will be brave
d. To win the competition
10. "I heard that you will be the representative

The underlined word has the same meaning with
a. champion
c. delegation
b. participants
d. member
11. Which one is the expression of congratulations others?
a. I'm so proud of you
b. Do you agree with me?
c. I think you can win the beauty contest.
d. I'd like to congratulate you on your success
12. Dian : Have you heard if I won the bike race this morning?

Leo : Really?
a. I hope you don't lie to me
b. I must congratulate you
c. You must win the race
d. Are you parents proud of you?
13. Brian : Congratulations on winning the marathon!

Willy : Thanks. I didn't think I could win.
Brian :...
Willy : It's nice of you to say so.
a. I hope you will win the marathon again
b. I wish I could join the marathon too
c. You ran like a jaguar
d. Don't you want to congratulate me?
14. What do you hope if your classmate will join a speech competition?
a. Congratulation!
b. We are so proud of you
c. I hope you'll do the best at the competition
d. Wish me luck!
15. Rio : Is it true that you get the first rank?

Elsa : Yes
Rio : Congratulations!
Elsa : .....
a. No need
c. Thanks a lot
b. You must be kidding
d. I hope you'll get the first

Dialogue for questions number 16 to 20
Billy : Did you read that the letter in the paper about smoking? The person who wrote that must be out of mind.
Sam $\quad$ I don't think so. I think the government should do everything they can to discourage people from smoking.
Billy : Maybe so. But, a law which bans cigarettes would do not good.
Sam : No. You can't suddenly make smoking illegal. But the government could prohibit smoking in public areas.
Billy : Yes, that's true. Anyway, in most places you can't smoke in cinemas. But, I think people should be allowed to smoke on trains and buses. Don't you?
Sam : Not at all. It's awful sitting next to someone blowing smoke all over you, if you don't smoke yourself.
16. What are they talking about?
a. The government who prohibit people to smoke on buses
b. Cigarettes which is banned
c. The rule of smoking
d. Public place
17. The expression "I don't think so" in the dialogue shows
a. disagreement
c. possibility
b. agreement
d. instruction
18. According to the dialogue, what should the government do to avoid smoking?
a. Bans the cigarette
b. Punish the smoker
c. Prohibit smoking in public areas
d. Bans the import of cigarettes
19. According to Sam's opinion, what does it feel to the next of smoker?
a. happy
c. tired
b. so so
d. awful
20. "It's awful sitting next to someone blowing smoke $\qquad$ The underline word has the same meaning with
a. proud
c. unpleasant
b. happy
d. comfort

Text for question number 21 to 25

| Full Citrus <br> Refreshing Water |  |
| :--- | ---: |
| Extract Lemon |  |
| Healthy and Fresh |  |
| Under license by Rock Meal Indonesia |  |
| In a bottle (140 ml) contains: |  |
| Vitamin C |  |
| Energy | 100 mg |
| Protein | 65 cal |
| Fat | 0 |
| Carbohydrate | 0 |
| Sugar | 16 |
| Sa | g |
| Natrium | 6 |
| Vitamin B 1 | 99 |
| Vitamin E | 1.0 |
| Niacin | 2.3 |

21. How much liquid does the Full Citrus contain?
a. 100 mg
b. 99 g
c. 140 ml
d. 65 cal
22. The following are the vitamin in Full Citrus, except
a. vitamin A
c. vitamin C
b. vitamin B1
d. vitamin E
23. From the label we know that Full Citrus does not contain
a. carbohydrate
c. protein
b. vitamin
d. energy
24. What is the flavor of the drink?
a. Lemon
c. Guava
b. Orange
d. Durian
25. What kind of medicine Full Citrus is?
a. Liquid
c. Capsules
b. Tablet
d. Cream
B. Read the dialogue below then state true or false on the following table. Make a correction for the false based on the statements you find!

Diana
: Hi, Nadia. You look so busy today.
Nadia : Yeah, I must study hard to prepare myself for the English speech contest.
Diana : That's great. I hope you get the best of it
Nadia : I hope so. By the way, what about your story telling contest?

Diana : I haven't known about the result
Nadia : Don't worry if you have done the best, I expect you'll a good news soon
Diana : I hope so, thanks a lot, my best friend.
Nadia : Okay, girl.

| No | Statements | True | False |
| :--- | :--- | :--- | :--- |
| 1 | There are two boys in the dialogue. |  |  |
| 2 | Nadia is busy when Diana sees her. |  |  |
| 3 | Nadia prepares herself for the storytelling <br> contest. |  |  |
| 4 | Diana won a storytelling contest. |  |  |
| 5 | Nadia hopes that Diana will get the <br> announcement. |  |  |

Writing Test
Please create your dialogue using your own topic in 5-10 sentences. Choose of the tasks you want to do:

1. Write the dialogue using the expressions of congratulation.
2. Write the dialogue sentences using "in order to" and "so that".

Scoring Rubric

| Aspect | Score | Description | Weight |
| :---: | :---: | :---: | :---: |
| Content (a) 30\% <br> - Topic <br> - Detail | 4 | The topic is complete, clear, and the details are relating to the topic. | 3 x |
|  | 3 | The topic is complete and clear, but the details are almost relating to the topic. |  |
|  | $2$ | The topic is complete and clear, but the details are not relating to the topic. |  |
|  | 1 | The topic is not clear, but the details are not relating to the topic. |  |
| Organization (b) 20\% <br> - Identification <br> - Description | 4 | Identification is complete and descriptions are arranged with the proper connectives. | 2 x |
|  | 3 | Identification is almost complete and descriptions are arranged with almost the proper connectives. |  |
|  | 2 | Identification is not complete and descriptions are arranged with few misuse of connectives. |  |
|  | 1 | Identification is not complete and descriptions are arranged with misuse of connectives. |  |
| Grammar (c) 20\% <br> - Use Present Tense | 4 | Very few grammatical inaccuracies. | 2 x |
|  | 3 | Few grammatical inaccuracies but not affect on meaning. |  |
|  | 2 | Numerous grammatical inaccuracies. |  |
|  | 1 | Frequent grammatical or agreement inaccuracies. |  |
| Vocabulary (d) | 4 | Effective choice of words and | 1.5x |



Adapted from Brown (2007)
Scale: 1-4 (for point a,b,c,d,e)
Score: $\frac{3(\text { score } a)+2(\text { score } b)+2(\text { score })+1,5(\text { score } d)+1,5(\text { score e })}{40} \times 100$

## 2.Attitude Questionnaire

| Aspect | Statements | Items |
| :---: | :---: | :---: |
| Behavioral | I plan to learn as much English as possible. | 1 |
|  | Studying English can be important for me because I will be able to participate more freely in the activities of other cultural groups. | 2 |
|  | Studying English can be important for me because I will need it for my future career. | 3 |
|  | I would rather spend my time on English subject. | 4 |
|  | I would study English in school even if it were not required. | 5 |
| Cognitive | English is an important part of the school program. | 1 |
|  | Studying English can be important because it will allow me to be more at ease to with other English speaker. | 2 |
|  | Studying English can be important for me because it will allow me to meet and converse with more and varied people. | 3 |
|  | Studying English can be important for me because it will enable me to better understand and appreciate English art and literature. | 4 |
|  | Studying English can be important for me because it will make me a more knowledgeable person. | 5 |
| Emotional | Learning English is really great. | 1 |
|  | I really enjoy learning English. | 2 |
|  | I love learning English. | 3 |
|  | I enjoy meeting and listening to people who speak English. | 4 |
|  | Studying English is an enjoyable experience. | 5 |
| Total Number of Items : 15 |  |  |

## ATTACHMENT 2. Content Validity of Try-Out Instruments

## 1. English Language Competency Test

Expert Judgment Form
Expert 1 : Prof. Dr. Ni Made Ratminingsih, M. A.

| Language | Items Numbers |  | Dec | ion | Suggestion |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Competency |  |  | Relevant | Irrelevant |  |
| Listening | A | 1 | $\checkmark$ |  |  |
|  |  | 2 | $\checkmark$ |  |  |
|  |  | 3 | $\checkmark$ |  |  |
|  |  | 4 | $\checkmark$ |  |  |
|  |  | 5 | $\checkmark$ |  |  |
|  |  | 6 | $\checkmark$ |  |  |
|  |  | 7 | $\checkmark$ | + |  |
|  |  | 8 | $\checkmark$ | - |  |
|  |  | 9 | (1) 1 | $\square 2$ |  |
|  |  | 10 | $\checkmark$ | - |  |
|  | B | 11 | $\sqrt{ }$ | cse |  |
|  |  | 12 | $\sqrt{ }$ | \% |  |
|  |  | 13 | $\checkmark$ |  | Perhatikan grammar |
|  |  | 14 | $\checkmark$ | C |  |
|  |  | 15 | $\checkmark$ | - | Perhatikan grammar |
|  |  | 16 | $\sqrt{ }$ | 4 |  |
|  |  | 17 | $\checkmark$ |  | Perhatikan grammar |
|  |  | 18 | $\checkmark$ | - |  |
|  |  | 19 | $\sqrt{ }$ | $\square$ |  |
|  |  | 20 | $\checkmark$ |  |  |
| Speaking | 1 |  | $\checkmark$ |  | \% |
|  |  |  | $\checkmark$ | $\square$ |  |
| Reading | A | $\square^{2} 1$ | $\checkmark$ |  |  |
|  |  | 2 | [1/ $\sqrt{2}$ | $\cdots$ |  |
|  |  | 3 | $\sqrt{ }$ | $\square$ |  |
|  |  | 4 | $\checkmark$ |  |  |
|  |  | 5 | $\checkmark$ |  |  |
|  |  | 6 | $\checkmark$ |  |  |
|  |  | 7 | $\checkmark$ |  |  |
|  |  | 8 | $\checkmark$ |  |  |
|  |  | 9 | $\checkmark$ |  |  |
|  |  | 10 | $\checkmark$ |  |  |
|  |  | 11 | $\checkmark$ |  |  |
|  |  | 12 | $\checkmark$ |  |  |
|  |  | 13 | $\checkmark$ |  |  |
|  |  | 14 | $\checkmark$ |  |  |
|  |  | 15 | $\checkmark$ |  |  |



Singaraja, 23 Januari 2023 Judge,

## Cum

Prof. Dr. Ni Made Ratminingsih, M. A.
NIP. 196609081991022002

## Expert Judgment Form

Expert 2 : Dr. I. G. A. Lokita Purnamika Utami, S. Pd, M. Pd.



Singaraja, 23 Januari 2023 Judge,


Dr. I. G. A Lokita Purnamika Utami, S. Pd, M. Pd. NIP. 198304022006042001

## Content Validity :

$$
\text { Content validity }=\frac{D}{A+B+C+D}
$$

## Notes:

A : Expert 1 and Expert 2 do not agree
B : Expert 1 agrees and Expert 2 does not agree
C : Expert 1 does not agree and Expert 2 agrees
D : Expert 1 and Expert 2 agree

Criteria of content validity:
$0,80-1,00 \quad$ : very high validity
$0,60-0,79 \quad:$ high validity
$0,40-0,59 \quad$ : immediate validity
$0,20-0,39 \quad$ : low validity
$0,00-0,19 \quad$ : very low validity

## Listening Test

|  |  | Judge I |  |
| :---: | :---: | :---: | :---: |
|  |  | Irrelevant | Relevant |
| Judge II | Irrelevant | $\mathrm{A}=0$ items | $\mathrm{C}=0$ items |
|  | Relevant | $\mathrm{B}=0$ items | $\mathrm{D}=20$ items |

$$
\mathrm{C}=\frac{20}{0+0+0+20}=1
$$

The formula above shows that the listening test used qualifies as 'Very High Validity' by both judges with a score of 1.00 for content.

## Speaking Test

|  |  | Judge I |  |
| :---: | :---: | :---: | :---: |
|  |  | Irrelevant | Relevant |
| Judge II | Irrelevant | $\mathrm{A}=0$ items | $\mathrm{C}=0$ items |
|  | Relevant | $\mathrm{B}=0$ items | $\mathrm{D}=2$ items |

$$
\mathrm{C}=\frac{2}{0+0+0+2}=1
$$

The formula above shows that the speaking test used qualifies as 'Very High Validity' by both judges with a score of 1.00 for content.

## Reading Test



The formula above shows that the reading test used qualifies as 'Very High Validity' by both judges with a score of 1.00 for content.

## Writing Test



$$
\mathrm{C}=\frac{2}{0+0+0+2}=1
$$

The formula above shows that the writing test used qualifies as 'Very High Validity' by both judges with a score of 1.00 for content.

## 2. Attitude Questionnaire Toward English Language Learning

Expert Judgment Form
Expert 1 : Prof. Dr. Ni Made Ratminingsih, M. A.


Singaraja, 24 November 2022
Judge,


Prof. Dr. Ni Made Ratminingsih, M. A. NIP. 196609081991022002

Expert Judgment Form
Expert 2 : Dr. I. G. A. Lokita Purnamika Utami, S. Pd, M. Pd.

| Aspect | ItemsNumber | Decision |  | Suggestion |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Relevant | Irrelevant |  |
| Behavioural | 1 | $\checkmark$ |  |  |
|  | 2 | $\checkmark$ |  |  |
|  | 3 | $\checkmark$ |  |  |
|  | 4 | $\checkmark$ |  |  |
|  | 5 | $\checkmark$ |  |  |
| Cognitive | 1 | $\checkmark$ |  |  |
|  | 2 | $\checkmark$ |  | Lihat hasil review |
|  | 3 | $\checkmark$ |  |  |
|  | 4 | $\checkmark$ |  |  |
|  | 5 | $\checkmark$ | - |  |
| Emotional | 1 | $\sqrt{\text { anma }}$ | \% |  |
|  | 2 | - $\sqrt{ }$ | 1. 1 |  |
|  | 3 | $\sqrt{ }$ | T AR |  |
|  | 4 | $\sqrt{\text { (IA) }}$ | (\%) |  |
|  | 5 | $\sqrt{ }$ |  | - |

Singaraja, 24 November 2022 Judge,


Dr. I. G. A Lokita Purnamika Utami, S. Pd, M. Pd.
NIP. 198304022006042001

## Content Validity :

$$
\text { Content validity }=\frac{D}{A+B+C+D}
$$

Notes:
A : Expert 1 and Expert 2 do not agree
B : Expert 1 agrees and Expert 2 does not agree
C : Expert 1 does not agree and Expert 2 agrees
D : Expert 1 and Expert 2 agree

Criteria of content validity:
$0,80-1,00 \quad$ : very high validity
$0,60-0,79 \quad:$ high validity
$0,40-0,59 \quad$ : immediate validity
$0,20-0,39 \quad$ : low validity
$0,00-0,19 \quad$ : very low validity

## Attitudes Questionnaire

|  |  | Judge I |  |
| :---: | :---: | :---: | :---: |
|  |  | Irrelevant | Relevant |
| Judge II | Irrelevant | $\mathrm{A}=0$ items | $\mathrm{C}=0$ items |
|  | Relevant | $\mathrm{B}=0$ items | $\mathrm{D}=15$ items |

$$
\mathrm{C}=\frac{15}{0+0+0+15}=1
$$

The formula above shows that the listening test used qualifies as 'Very High Validity' by both judges with a score of 1.00 for content.

## ATTACHMENT 3. Empirical Validity of Try-Out Instruments

## 1. Try-Out Results of English Language Competency

| No | Listening Competency |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Items |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 12 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 12 |
| 3 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 14 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| 5 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 13 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| 7 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| 9 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 12 |
| 10 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 11 |
| 11 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 13 |
| 12 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 14 |
| 13 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 15 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 19 |
| 15 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 14 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 |
| 17 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 15 |
| 18 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 |
| 19 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 14 |
| 21 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 15 |
| 23 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 16 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 13 |
| 25 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 13 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 27 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 |
| 28 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 29 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 13 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18 |


| No | Speaking Competency Items |  | Total Score | No | Writing Competency Items |  | Total Score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | 1 | 2 |  |  | 1 | 2 |  |
| 1 | 72 | 70 | 142 | 1 | 78 | 80 | 158 |
| 2 | 84 | 88 | 172 | 2 | 98 | 92 | 190 |
| 3 | 70 | 72 | 142 | 3 | 74 | 72 | 146 |
| 4 | 78 | 72 | 150 | 4 | 80 | 78 | 158 |
| 5 | 92 | 90 | 182 | 5 | 98 | 90 | 188 |
| 6 | 76 | 80 | 156 | 6 | 70 | 74 | 144 |
| 7 | 74 | 68 | 142 | 7 | 80 | 78 | 158 |
| 8 | 80 | 76 | 156 | 8 | 68 | 72 | 140 |
| 9 | 72 | 70 | 142 | 9 | 74 | 70 | 144 |
| 10 | 70 | 72 | 142 | 10 | 78 | 74 | 152 |
| 11 | 64 | 68 | 132 | 11 | 78 | 72 | 150 |
| 12 | 72 | 70 | 142 | 12 | 70 | 68 | 138 |
| 13 | 72 | 70 | 142 | 13 | 80 | 78 | 158 |
| 14 | 72 | 74 | 146 | 14 | 68 | 74 | 142 |
| 15 | 74 | 68 | 142 | 15 | 78 | 80 | 158 |
| 16 | 72 | 68 | 140 | 16 | 72 | 64 | 136 |
| 17 | 68 | 70 | 138 | 17 | 82 | 72 | 154 |
| 18 | 72 | 68 | 140 | 18 | 80 | 82 | 162 |
| 19 | 74 | 68 | 142 | 19 | 60 | 62 | 122 |
| 20 | 68 | 64 | 132 | 20 | 72 | 68 | 140 |
| 21 | 76 | 80 | 156 | 21 | 88 | 84 | 172 |
| 22 | 80 | 78 | 158 | 22 | 84 | 80 | 164 |
| 23 | 72 | 64 | 136 | 23 | 78 | 74 | 152 |
| 24 | 72 | 70 | 142 | 24 | 70 | 64 | 134 |
| 25 | 84 | 88 | 172 | 25 | 84 | 80 | 164 |
| 26 | 72 | 64 | 136 | 26 | 78 | 82 | 160 |
| 27 | 88 | 72 | 160 | 27 | 84 | 80 | 164 |
| 28 | 60 | 60 | 120 | 28 | 68 | 64 | 132 |
| 29 | 76 | 72 | 148 | 29 | 74 | 72 | 146 |
| 30 | 80 | 72 | 152 | 30 | 68 | 70 | 138 |


| No | Reading Competency |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total score |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 28 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 29 |
| 3 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 12 |
| 4 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 13 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 27 |
| 6 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 15 |
| 7 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 16 |
| 8 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 11 |
| 9 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 26 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 28 |
| 11 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 21 |
| 12 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 21 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 24 |
| 14 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 20 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 29 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 23 |
| 17 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 19 |
| 18 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 12 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 22 |
| 20 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 16 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 24 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 25 |
| 23 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 24 |
| 24 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 21 |
| 25 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 20 |
| 26 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 13 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 26 |
| 28 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 9 |



The try-out results of the listening and reading competency tests were analyzed for the validity of the items by using Point Biserial assisted by SPSS 26. The SPSS output as follows.

## Listening Competency Validity

| Inter-Item Correlation Matrix |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | X1 | X2 | X3 | X4 | X5 | X6 | X7 | X8 | X9 | X10 | X11 | X12 | X13 | X14 | X15 | X16 | X17 | X18 | X19 | X20 | Xtotal |
| X1 | 1.000 | 1.000 | -. 073 | . 212 | . 212 | -. 050 | -. 131 | . 371 | . 308 | . 186 | . 473 | . 186 | . 141 | . 337 | . 308 | . 284 | 284 | . 174 | . 337 | . 695 | . 565 |
| X2 | 1.000 | 1.000 | -. 073 | . 212 | . 212 | -. 050 | -. 131 | . 371 | . 308 | . 186 | . 473 | 186 | . 141 | . 337 | . 308 | . 284 | . 284 | . 174 | . 337 | . 695 | . 565 |
| X3 | -. 073 | -. 073 | 1.000 | . 053 | . 053 | -. 105 | . 139 | . 049 | -. 015 | . 000 | . 135 | . 392 | . 298 | . 015 | . 207 | -. 257 | -. 043 | -. 026 | . 015 | -. 105 | . 196 |
| X4 | . 212 | . 212 | . 053 | 1.000 | . 050 | . 036 | . 238 | . 404 | . 385 | . 336 | . 053 | -. 067 | . 107 | . 472 | . 385 | . 015 | . 161 | . 413 | . 154 | . 036 | . 536 |
| X5 | . 212 | . 212 | . 053 | . 050 | 1.000 | -. 234 | -. 048 | 235 | -. 071 | . 336 | -. 145 | -. 202 | . 107 | . 154 | . 233 | -. 132 | -. 132 | . 144 | $-.323$ | . 036 | . 176 |
| X6 | -. 050 | -. 050 | -. 105 | . 036 | -. 234 | 1.000 | . 094 | . 200 | . 443 | -. 267 | . 288 | -. 267 | . 203 | . 169 | . 141 | . 117 | -. 175 | -. 018 | -. 147 | -. 071 | . 098 |
| X7 | -. 131 | -. 131 | . 139 | . 238 | -. 048 | . 094 | 1.000 | . 354 | . 213 | . 000 | . 139 | . 141 | . 245 | . 111 | . 213 | . 154 | . 309 | . 378 | . 279 | . 094 | . 467 |
| X8 | . 371 | . 371 | . 049 | . 404 | . 235 | . 200 | . 354 | 1.000 | . 075 | . 333 | . 049 | 000 | . 035 | . 315 | . 452 | . 036 | 036 | . 301 | -. 079 | . 200 | . 495 |
| X9 | . 308 | . 308 | -. 015 | . 385 | -. 071 | . 443 | . 213 | . 075 | 1.000 | . 000 | . 429 | -. 151 | . 146 | . 202 | . 148 | . 263 | . 263 | . 111 | . 202 | . 141 | . 442 |
| X10 | . 186 | . 186 | . 000 | . 336 | . 336 | -. 267 | . 000 | . 333 | . 000 | 1.000 | -. 196 | -. 067 | . 208 | . 079 | . 151 | . 364 | . 364 | . 535 | . 079 | . 000 | . 455 |
| X11 | . 473 | . 473 | . 135 | . 053 | -. 145 | . 288 | . 139 | . 049 | . 429 | -. 196 | 1.000 | . 196 | . 095 | . 247 | . 207 | . 385 | . 385 | -. 026 | . 479 | . 681 | . 485 |
| X12 | . 186 | . 186 | . 392 | -. 067 | -. 202 | -. 267 | . 141 | . 000 | -. 151 | -. 067 | . 196 | 1.000 | . 346 | -. 079 | . 000 | . 073 | 218 | 134 | . 394 | . 267 | . 294 |
| X13 | . 141 | . 141 | . 298 | . 107 | . 107 | . 203 | . 245 | . 035 | . 146 | . 208 | . 095 | . 346 | 1.000 | -. 071 | -. 010 | . 196 | . 196 | . 259 | . 093 | -. 074 | . 425 |
| X14 | . 337 | . 337 | . 015 | . 472 | . 154 | . 169 | . 111 | . 315 | . 202 | . 079 | . 247 | -. 079 | -. 071 | 1.000 | . 915 | -. 017 | -. 017 | . 516 | . 068 | . 484 | . 539 |
| X15 | . 308 | . 308 | . 207 | . 385 | . 233 | . 141 | . 213 | . 452 | . 148 | . 151 | . 207 | . 000 | -. 010 | . 915 | 1.000 | -. 066 | -. 066 | . 564 | . 024 | . 443 | . 584 |
| X16 | . 284 | . 284 | -. 257 | . 015 | -. 132 | . 117 | . 154 | . 036 | . 263 | . 364 | . 385 | . 073 | . 196 | -. 017 | -. 066 | 1.000 | . 841 | 467 | . 499 | . 408 | . 531 |
| X17 | . 284 | . 284 | -. 043 | . 161 | -. 132 | -. 175 | . 309 | . 036 | . 263 | . 364 | . 385 | . 218 | . 196 | -. 017 | -. 066 | . 841 | 1.000 | . 467 | . 671 | . 408 | . 609 |
| X18 | . 174 | . 174 | -. 026 | . 413 | . 144 | -. 018 | . 378 | . 301 | . 111 | . 535 | -. 026 | . 134 | . 259 | . 516 | . 564 | . 467 | 467 | 1.000 | . 358 | . 250 | . 731 |


| X19 | . 337 | . 337 | . 015 | . 154 | -. 323 | -. 147 | . 279 | -. 079 | . 202 | . 079 | . 479 | . 394 | . 093 | . 068 | . 024 | . 499 | . 671 | . 358 | 1.000 | . 484 | . 518 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X20 | . 695 | . 695 | -. 105 | . 036 | . 036 | -. 071 | . 094 | . 200 | . 141 | . 000 | . 681 | . 267 | -. 074 | . 484 | . 443 | . 408 | . 408 | . 250 | . 484 | 1.000 | . 563 |
| Xtotal | . 565 | . 565 | . 196 | . 536 | . 176 | . 098 | . 467 | . 495 | . 442 | . 455 | . 485 | . 294 | . 425 | . 539 | . 584 | . 531 | . 609 | . 731 | . 518 | . 563 | 1.000 |

For $\mathrm{N}=30$, the $\mathrm{r}_{\text {table }}$ is 0.361 . The results of the validity test of items number 1 to number 20 on the total score are displayed as follows.

| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 1 | 0.565 | 0.361 | Valid |
| 2 | 0.565 | 0.361 | Valid |
| 3 | 0.196 | 0.361 | Invalid |
| 4 | 0.536 | 0.361 | Valid |
| 5 | 0.176 | 0.361 | Invalid |
| 6 | 0.098 | 0.361 | Invalid |
| 7 | 0.467 | 0.361 | Valid |
| 8 | 0.495 | 0.361 | Valid |
| 9 | 0.442 | 0.361 | Valid |
| 10 | 0.455 | 0.361 | Valid |
| 11 | 0.485 | 0.361 | Valid |
| 12 | 0.294 | 0.361 | Invalid |
| 13 | 0.425 | 0.361 | Valid |
| 14 | 0.539 | 0.361 | Valid |
| 15 | 0.584 | 0.361 | Valid |
| 16 | 0.531 | 0.361 | Valid |
| 17 | 0.609 | 0.361 | Valid |
| 18 | 0.731 | 0.361 | Valid |
| 19 | 0.518 | 0.361 | Valid |
| 20 | 0.563 | 0.361 | Valid |

## Reading Competency Validity

## Inter-Item Correlation Matrix

|  | X1 | X2 | X3 | X4 | X5 | X6 | X7 | X8 | X9 | X10 | X11 | X12 | X13 | X14 | X15 | X16 | X17 | X18 | X19 | X20 | X21 | X22 | X23 | X24 | X25 | X26 | X27 | X28 | X29 | X30 | Xtotal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X1 | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .74 \\ 5 \end{array}$ | $\text { . } 21$ $8$ | $\begin{array}{r} .34 \\ 2 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .38 \\ 9 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .08 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} .35 \\ 6 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .38 \\ 1 \end{array}$ | .11 <br> 1 | $\begin{array}{r} .25 \\ 9 \end{array}$ | $\begin{array}{r} 15 \\ 7 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} 11 \\ 1 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .05 \\ 0 \end{array}$ | $.11$ $1$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .63 \\ 0 \end{array}$ | . 463 |
| X2 | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | . 04 $3$ | $\begin{array}{r} .01 \\ 5 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} .22 \\ 3 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .28 \\ 0 \end{array}$ | $\begin{array}{r} .14 \\ 5 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{array}{r} .05 \\ 3 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} 25 \\ 1 \end{array}$ | $\begin{array}{r} .34 \\ 7 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .42 \\ 9 \end{array}$ | $\begin{array}{r} .20 \\ 7 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | . 523 |
| X3 | $\begin{array}{r} .74 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .09 \\ 8 \end{array}$ | $\begin{array}{r} .38 \\ 8 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .36 \\ 5 \end{array}$ | $\begin{array}{r} .12 \\ 0 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .18 \\ 3 \end{array}$ | $\begin{array}{r} .03 \\ 0 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $\begin{array}{r} .23 \\ 9 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .14 \\ 9 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 3 \end{array}$ | $\begin{array}{r} 22 \\ 4 \end{array}$ | $\begin{array}{r} .13 \\ 5 \end{array}$ | $\begin{array}{r} 13 \\ 5 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .28 \\ 0 \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | . 581 |
| X4 | - .21 8 | .04 $3$ | $\begin{array}{r} .09 \\ 8 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | .01 <br> 7 | $\begin{array}{r} .17 \\ 1 \end{array}$ | - .14 5 | $\begin{array}{r} .50 \\ 5 \end{array}$ | $\begin{array}{r} .11 \\ 7 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .20 \\ 8 \end{array}$ | $\begin{array}{r} .13 \\ 2 \end{array}$ | $\begin{array}{r} .07 \\ 3 \end{array}$ | . 25 $7$ | $\begin{array}{r} .11 \\ 7 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .21 \\ 8 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .16 \\ 1 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .01 \\ 5 \end{array}$ | $\begin{array}{r} .15 \\ 4 \end{array}$ | $\begin{array}{r} .21 \\ 8 \end{array}$ | $\begin{array}{r} - \\ .06 \\ 6 \end{array}$ | $\begin{array}{r} .42 \\ 8 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .21 \\ 8 \end{array}$ | $\begin{array}{r} .29 \\ 3 \end{array}$ | - . 81 | . 396 |
| X5 | $\begin{array}{r} .34 \\ 2 \end{array}$ | .01 $5$ | $\begin{array}{r} .38 \\ 8 \end{array}$ | .01 7 | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .01 \\ 5 \end{array}$ | $\begin{array}{r} .11 \\ 8 \end{array}$ | $\begin{array}{r} .19 \\ 3 \end{array}$ | $\begin{array}{r} .11 \\ 6 \end{array}$ | . 07 <br> 1 | $\begin{array}{r} .03 \\ 2 \end{array}$ | $\begin{array}{r} 16 \\ 4 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | $\begin{array}{r} .25 \\ 6 \end{array}$ | $\begin{array}{r} .31 \\ 5 \end{array}$ | $\begin{array}{r} .07 \\ 9 \end{array}$ | $\begin{array}{r} .31 \\ 3 \end{array}$ | $\begin{array}{r} .07 \\ 9 \end{array}$ | $\begin{array}{r} .34 \\ 24 \end{array}$ | $\begin{array}{r} .15 \\ 4 \end{array}$ | $\begin{array}{r} .05 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} .70 \\ 9 \end{array}$ | $\begin{array}{r} 20 \\ 2 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .11 \\ 8 \end{array}$ | $\begin{array}{r} .03 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .34 \\ 24 \end{array}$ | . 450 |
| X6 | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $\begin{array}{r} .17 \\ 1 \end{array}$ | $\begin{array}{r} .01 \\ 5 \end{array}$ | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | .19 <br> 6 | $\begin{array}{r} .48 \\ 0 \end{array}$ | $\begin{array}{r} .02 \\ 6 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} .14 \\ 5 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} .34 \\ 7 \end{array}$ | - .19 6 | $\begin{array}{r} .20 \\ 7 \end{array}$ | .01 $5$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | . 455 |
| X7 | $\begin{array}{r} .38 \\ 9 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\text { . } 14$ $5$ | $\begin{array}{r} .11 \\ 8 \end{array}$ | .19 $6$ | $\begin{array}{r} 1.0 \\ 00 \end{array}$ | $\begin{array}{r} .23 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} .03 \\ 3 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .44 \\ 2 \end{array}$ | $\text { . } 23$ $5$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\text { . } 13$ $4$ | $\begin{array}{r} .20 \\ 8 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | .10 <br> 1 | $\text { . } 17$ $7$ | $\begin{array}{r} 16 \\ 7 \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\text { . } 33$ $3$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | . 152 |
| X8 | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} .36 \\ 5 \end{array}$ | $\begin{array}{r} .50 \\ 5 \end{array}$ | $\begin{array}{r} .19 \\ 3 \end{array}$ | .48 0 | $\begin{array}{r} .23 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} 1.0 \\ 00 \end{array}$ | $\begin{array}{r} .19 \\ 1 \end{array}$ | $\begin{array}{r} .19 \\ 8 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | 30 2 | .27 2 | $\begin{array}{r} .28 \\ 0 \end{array}$ | $\begin{array}{r} .32 \\ 7 \end{array}$ | $\begin{array}{r} .33 \\ 9 \end{array}$ | .10 2 | $\begin{array}{r} .27 \\ 27 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .13 \\ 6 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .28 \\ 9 \end{array}$ | .10 2 | $\begin{array}{r} .12 \\ 3 \end{array}$ | $\begin{array}{r} .27 \\ 7 \end{array}$ | $\begin{array}{r} .54 \\ 4 \end{array}$ | .27 2 | .18 3 | .40 8 | . 596 |


| X9 | . 08 $9$ | $\begin{array}{r} .22 \\ 3 \end{array}$ | $\begin{array}{r} .12 \\ 0 \end{array}$ | $\begin{array}{r} .11 \\ 7 \end{array}$ | $\begin{array}{r} .11 \\ 6 \end{array}$ | $\begin{array}{r} .02 \\ 6 \end{array}$ | $\begin{array}{r} .03 \\ 3 \end{array}$ | $\begin{array}{r} .19 \\ 1 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .01 \\ 8 \end{array}$ | $\begin{array}{r} .32 \\ 7 \end{array}$ | $\begin{array}{r} .14 \\ 4 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .02 \\ 6 \end{array}$ | $\begin{array}{r} .01 \\ 8 \end{array}$ | $\begin{array}{r} .29 \\ 6 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | $\begin{array}{r} .12 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | $\begin{array}{r} .39 \\ 6 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .36 \\ 7 \end{array}$ | $\begin{array}{r} .19 \\ 1 \end{array}$ | $\begin{array}{r} .19 \\ 1 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .36 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 0 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | . 418 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X10 | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .07 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .19 \\ 8 \end{array}$ | $\begin{array}{r} .01 \\ 8 \end{array}$ | $\begin{array}{r} 1.0 \\ 00 \end{array}$ | $\begin{array}{r} .05 \\ 6 \end{array}$ | $\begin{array}{r} - \\ .10 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .06 \\ 9 \end{array}$ | $\begin{array}{r} 29 \\ 8 \end{array}$ | $\begin{array}{r} .07 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} .13 \\ 9 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .34 \\ 6 \end{array}$ | $\begin{array}{r} .10 \\ 7 \end{array}$ | $\begin{array}{r} .20 \\ 8 \end{array}$ | $\begin{array}{r} .02 \\ 3 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .09 \\ 8 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} - \\ .01 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .14 \\ 6 \end{array}$ | $\begin{array}{r} - \\ .06 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} .38 \\ 0 \end{array}$ | $\begin{array}{r} .15 \\ 5 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | . 357 |
| X11 | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .28 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .18 \\ 3 \end{array}$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .03 \\ 2 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} .44 \\ 2 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .32 \\ 7 \end{array}$ | $\begin{array}{r} .05 \\ 6 \end{array}$ | $\begin{array}{r} 1.0 \\ 00 \end{array}$ | $\begin{array}{r} .16 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .13 \\ 6 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} .05 \\ 5 \end{array}$ | $\begin{array}{r} .62 \\ 1 \end{array}$ | $\begin{array}{r} .44 \\ 2 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .11 \\ 0 \end{array}$ | $\begin{array}{r} 40 \\ 8 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .43 \\ 3 \end{array}$ | $\begin{array}{r} .10 \\ 2 \end{array}$ | $\begin{array}{r} .12 \\ 3 \end{array}$ | $\begin{array}{r} .27 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .27 \\ 2 \end{array}$ | $\begin{array}{r} .27 \\ 27 \end{array}$ | $\begin{array}{r} .36 \\ 5 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | . 561 |
| X12 | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .14 \\ 5 \end{array}$ | $\begin{array}{r} .03 \\ 0 \end{array}$ | $\begin{array}{r} .13 \\ 2 \end{array}$ | $\begin{array}{r} .16 \\ 4 \end{array}$ | $\begin{array}{r} .14 \\ 5 \end{array}$ | $\begin{array}{r} 23 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .14 \\ 4 \end{array}$ | $\begin{array}{r} - \\ .10 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .16 \\ 5 \end{array}$ | $\begin{array}{r} 1.0 \\ 00 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} - \\ .05 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} .23 \\ 4 \end{array}$ | $\begin{array}{r} .31 \\ 2 \end{array}$ | $\begin{array}{r} .26 \\ 9 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .08 \\ 6 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .29 \\ 1 \end{array}$ | $\begin{array}{r} .08 \\ 6 \end{array}$ | $\begin{array}{r} .19 \\ 0 \end{array}$ | $\begin{array}{r} 26 \\ 9 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .33 \\ 6 \end{array}$ | $\begin{array}{r} - \\ .23 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .39 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | . 411 |
| X13 | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .07 \\ 3 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $.16$ | $\begin{array}{r} .27 \\ 2 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .06 \\ 9 \end{array}$ | $\begin{array}{r} .13 \\ 6 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 9 \end{array}$ | $\begin{array}{r} .50 \\ 0 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .47 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .06 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $.16$ | $\begin{array}{r} .15 \\ 1 \end{array}$ | $\begin{array}{r} .45 \\ 2 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | . 460 |
| X14 | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $.25$ $7$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .42 \\ 3 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .28 \\ 0 \end{array}$ | $\begin{array}{r} .02 \\ 6 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .08 \\ 0 \end{array}$ | $\begin{array}{r} - \\ .05 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $\begin{array}{r} .09 \\ 5 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .44 \\ 9 \end{array}$ | $\begin{array}{r} - \\ .19 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} 13 \\ 9 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .42 \\ 9 \end{array}$ | $\begin{array}{r} - \\ .01 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | $\begin{array}{r} .85 \\ 0 \end{array}$ | . 438 |
| X15 | $\begin{array}{r} .35 \\ 6 \end{array}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $\begin{array}{r} .23 \\ 9 \end{array}$ | $\begin{array}{r} .11 \\ 7 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $.13$ | $\begin{array}{r} .32 \\ 7 \end{array}$ | $\begin{array}{r} .01 \\ 8 \end{array}$ | $\begin{array}{r} - \\ .07 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} .05 \\ 5 \end{array}$ | $\begin{array}{r} .23 \\ 4 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .28 \\ 8 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} 20 \\ 3 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .30 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .80 \\ 2 \end{array}$ | $\begin{array}{r} .03 \\ 6 \end{array}$ | $\begin{array}{r} .37 \\ 8 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .14 \\ 1 \end{array}$ | $\begin{array}{r} 14 \\ 1 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .13 \\ 4 \\ \hline \end{array}$ | $\begin{array}{r} .23 \\ 9 \end{array}$ | $\begin{array}{r} .35 \\ 6 \end{array}$ | . 471 |
| X16 | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .25 \\ 6 \end{array}$ | $\begin{array}{r} .29 \\ 8 \end{array}$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .33 \\ 9 \end{array}$ | $\begin{array}{r} .29 \\ 6 \end{array}$ | $\begin{array}{r} .13 \\ 9 \end{array}$ | $\begin{array}{r} .62 \\ 1 \end{array}$ | $\begin{array}{r} .31 \\ 2 \end{array}$ | $\begin{array}{r} .06 \\ 9 \end{array}$ | $\begin{array}{r} .09 \\ 5 \end{array}$ | $\begin{array}{r} .20 \\ 3 \end{array}$ | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | $\begin{array}{r} .38 \\ 0 \end{array}$ | $\begin{array}{r} - \\ .06 \\ 9 \\ \hline \end{array}$ | $\begin{array}{r} .10 \\ 7 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} 10 \\ 7 \end{array}$ | $\begin{array}{r} .24 \\ 5 \end{array}$ | .20 8 | $\begin{array}{r} - \\ .01 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | . 607 |
| X17 | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .21 \\ 8 \end{array}$ | $\begin{array}{r} .31 \\ 5 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} 10 \\ 2 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .44 \\ 2 \end{array}$ | $\begin{array}{r} .26 \\ 9 \end{array}$ | $\begin{array}{r} .50 \\ 0 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .38 \\ 0 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .40 \\ 4 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | .38 9 | $\begin{array}{r}- \\ .10 \\ 1 \\ \hline\end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} 64 \\ 1 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} - \\ .04 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | . 566 |
| X18 | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .07 \\ 9 \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | . 00 | $\begin{array}{r} .27 \\ 2 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | $\begin{array}{r} .34 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | .26 7 | - .06 9 | 33 3 | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | .33 3 | .33 6 | $\begin{array}{r} .28 \\ 3 \end{array}$ | 16 7 | $\begin{array}{r} .15 \\ 1 \end{array}$ | 30 2 | $\begin{array}{r}- \\ .06 \\ 7 \\ \hline\end{array}$ | .00 0 | .08 9 | .11 1 | . 460 |


| X19 | $\begin{array}{r} .38 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .05 \\ 3 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .16 \\ 1 \end{array}$ | $\begin{array}{r} .31 \\ 3 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .12 \\ 6 \end{array}$ | $\begin{array}{r} .10 \\ 7 \end{array}$ | $\begin{array}{r} .11 \\ 0 \end{array}$ | $\begin{array}{r} .08 \\ 6 \end{array}$ | $\begin{array}{r} .47 \\ 1 \end{array}$ | $\begin{array}{r} .44 \\ 9 \end{array}$ | $\begin{array}{r} .30 \\ 6 \end{array}$ | $\begin{array}{r} .10 \\ 7 \end{array}$ | $\begin{array}{r} .40 \\ 4 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .15 \\ 7 \end{array}$ | $\begin{array}{r} .05 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .09 \\ 5 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .23 \\ 3 \end{array}$ | $\begin{array}{r} .08 \\ 1 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .23 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .15 \\ 0 \end{array}$ | $\begin{array}{r} .38 \\ 1 \end{array}$ | . 493 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X20 | $\begin{array}{r} 11 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .07 \\ 9 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .13 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .40 \\ 8 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} - \\ .20 \\ 2 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} - \\ .33 \\ 3 \end{array}$ | . 322 |
| X21 | $\begin{array}{r} .25 \\ 9 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} .14 \\ 9 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .34 \\ 2 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | $\begin{array}{r} .02 \\ 3 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .29 \\ 1 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .19 \\ 6 \end{array}$ | $\begin{array}{r} .80 \\ 2 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .38 \\ 9 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\left\|\begin{array}{r} .15 \\ 7 \end{array}\right\|$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} - \\ .06 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .38 \\ 9 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .16 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .25 \\ 9 \end{array}$ | . 540 |
| X22 | $\begin{array}{r} .15 \\ 7 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .01 \\ 5 \end{array}$ | $\begin{array}{r} .15 \\ 4 \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} - \\ .10 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .39 \\ 6 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .24 \\ 7 \end{array}$ | $\begin{array}{r} .08 \\ 6 \end{array}$ | $\begin{array}{r} - \\ .06 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .25 \\ 1 \end{array}$ | $\begin{array}{r} .03 \\ 6 \end{array}$ | $\begin{array}{r} .10 \\ 7 \end{array}$ | $\begin{array}{r} - \\ .10 \\ \hline \end{array}$ | $\begin{array}{r} .33 \\ 6 \end{array}$ | $\begin{array}{r} .05 \\ 0 \end{array}$ | $\begin{array}{r} .20 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} .06 \\ 7 \\ \hline \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .66 \\ 6 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .38 \\ 5 \end{array}$ | $\begin{array}{r} - \\ .07 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .40 \\ 4 \end{array}$ | $\begin{array}{r} .03 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .38 \\ 1 \end{array}$ | . 424 |
| X23 | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .34 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 3 \end{array}$ | $.15$ | $\begin{array}{r} - \\ .05 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} .34 \\ 7 \end{array}$ | $\begin{array}{r} - \\ .17 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} 28 \\ 9 \end{array}$ | $\begin{array}{r} .33 \\ 1 \end{array}$ | $\begin{array}{r} .09 \\ 8 \end{array}$ | $\begin{array}{r} .43 \\ 3 \end{array}$ | $\begin{array}{r} .19 \\ 0 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .13 \\ 9 \end{array}$ | $\begin{array}{r} .37 \\ 8 \end{array}$ | $\begin{array}{r} .24 \\ 5 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .28 \\ 3 \end{array}$ | $\begin{array}{r} .09 \\ 5 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .66 \\ 6 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .17 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .21 \\ 3 \end{array}$ | $\begin{array}{r} .05 \\ 3 \end{array}$ | $\begin{array}{r} .42 \\ 4 \end{array}$ | $\begin{array}{r} .17 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 3 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | . 455 |
| X24 | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .21 \\ 8 \end{array}$ | $\begin{array}{r} .70 \\ 9 \end{array}$ | $\begin{array}{r} .19 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .10 \\ 2 \end{array}$ | $\begin{array}{r} .36 \\ 7 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .10 \\ 2 \end{array}$ | $\begin{array}{r} .26 \\ 9 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .20 \\ 0 \end{array}$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .38 \\ 9 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .17 \\ 7 \\ \hline \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .26 \\ 4 \end{array}$ | $\begin{array}{r} .45 \\ 2 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | . 422 |
| X25 | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .42 \\ 9 \end{array}$ | $\begin{array}{r} .13 \\ 5 \end{array}$ | $\begin{array}{r} .06 \\ 6 \\ \hline \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} .20 \\ 7 \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} 12 \\ 3 \end{array}$ | $\begin{array}{r} .19 \\ 1 \end{array}$ | $\begin{array}{r} - \\ .01 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .12 \\ 3 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | $\begin{array}{r} .15 \\ 1 \end{array}$ | $\begin{array}{r} .42 \\ 9 \end{array}$ | $\begin{array}{r} .14 \\ 1 \end{array}$ | $\begin{array}{r} - \\ .01 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} .15 \\ 1 \end{array}$ | .23 3 | $\begin{array}{r} - \\ .30 \\ 2 \\ \hline \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .38 \\ 5 \end{array}$ | $\begin{array}{r} .21 \\ 3 \end{array}$ | $\begin{array}{r} .26 \\ 4 \end{array}$ | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | $\begin{array}{r} - \\ .02 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} .33 \\ 7 \end{array}$ | .55 3 | . 401 |
| X26 | $\begin{array}{r} .05 \\ 0 \end{array}$ | $\begin{array}{r} .20 \\ 7 \end{array}$ | $\begin{array}{r} .13 \\ 5 \end{array}$ | $\begin{array}{r} .42 \\ 8 \end{array}$ | $\begin{array}{r} .20 \\ 2 \end{array}$ | $\begin{array}{r} - \\ .01 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} .27 \\ 7 \end{array}$ | $.19$ | $\begin{array}{r} .14 \\ 6 \end{array}$ | $\begin{array}{r} .27 \\ 7 \end{array}$ | $\begin{array}{r} .37 \\ 5 \end{array}$ | 45 2 | $\begin{array}{r} - \\ .01 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .14 \\ 1 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .64 \\ 1 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $.08$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} .30 \\ 2 \end{array}$ | $\begin{array}{r} - \\ .07 \\ 1 \\ \hline \end{array}$ | .05 3 | .45 2 | $\begin{array}{r} - \\ .02 \\ 3 \\ \hline \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | .30 2 | $\begin{array}{r} .11 \\ 3 \\ \hline \end{array}$ | .33 7 | .05 0 | . 518 |
| X27 | - .11 1 | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .36 \\ 4 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .39 \\ 2 \end{array}$ | - .33 3 | $\begin{array}{r} .54 \\ 4 \end{array}$ | .26 7 | - .06 9 | .27 2 | .33 6 | .06 7 | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .26 \\ 7 \end{array}$ | $\begin{array}{r} .48 \\ 4 \end{array}$ | .16 7 | $\begin{array}{r} .06 \\ 7 \end{array}$ | .20 2 | . 20 | 11 1 | $\begin{array}{r} .20 \\ 2 \end{array}$ | . 42 | . 00 | - .15 1 | . 30 | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | .00 0 | .08 9 | 11 1 | . 425 |


| X28 | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{gathered} .04 \\ 9 \end{gathered}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} 21 \\ 8 \end{array}$ | $\begin{array}{r} .11 \\ 8 \end{array}$ | $\begin{array}{r} .04 \\ 9 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .27 \\ 2 \end{array}$ | $\begin{array}{r} .36 \\ 7 \end{array}$ | $\begin{array}{r} .38 \\ 0 \end{array}$ | $\begin{array}{r} .27 \\ 2 \end{array}$ | $\begin{array}{r} .23 \\ 5 \\ \hline \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .29 \\ 4 \end{array}$ | $.13$ $4$ | $\begin{array}{r} 20 \\ 8 \end{array}$ | $\begin{array}{r} .04 \\ 2 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .23 \\ 5 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .16 \\ 7 \\ \hline \end{array}$ | $\begin{array}{r} .40 \\ 4 \end{array}$ | $\begin{array}{r} .17 \\ 7 \end{array}$ | $\begin{array}{r} .16 \\ 7 \end{array}$ | $\begin{array}{r} .07 \\ 5 \end{array}$ | $\begin{array}{r} .11 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | .11 1 | . 365 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X29 | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .35 \\ 1 \end{array}$ | $\begin{array}{r} .28 \\ 0 \end{array}$ | $\begin{array}{r} .29 \\ 3 \end{array}$ | $\begin{array}{r} .03 \\ 5 \end{array}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .18 \\ 3 \end{array}$ | $\begin{array}{r} - \\ .06 \\ 0 \end{array}$ | $\begin{array}{r} .15 \\ 5 \end{array}$ | $\begin{array}{r} .36 \\ 5 \end{array}$ | $\begin{array}{r} .39 \\ 1 \end{array}$ | $\begin{array}{r} .26 \\ 8 \end{array}$ | $\begin{array}{r} .08 \\ 8 \end{array}$ | $\begin{array}{r} .23 \\ 9 \end{array}$ | $\begin{array}{r} .34 \\ 0 \end{array}$ | $\begin{array}{r} .22 \\ 4 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .15 \\ 0 \end{array}$ | $\begin{array}{r} 26 \\ 8 \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .03 \\ 0 \\ \hline \end{array}$ | $\begin{array}{r} .06 \\ 3 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{array}{r} .33 \\ 7 \end{array}$ | $\begin{array}{r} .33 \\ 7 \end{array}$ | $\begin{array}{r} .08 \\ 9 \end{array}$ | $\begin{array}{r} .00 \\ 0 \end{array}$ | $\begin{aligned} & 1.0 \\ & 00 \end{aligned}$ | $\begin{array}{r} 14 \\ 9 \end{array}$ | . 473 |  |
| X30 | $\begin{array}{r} .63 \\ 0 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} .44 \\ 7 \end{array}$ | $\begin{array}{r} .21 \\ 8 \\ \hline \end{array}$ | $\begin{array}{r} .34 \\ 2 \end{array}$ | $\begin{array}{r} .52 \\ 3 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .40 \\ 8 \end{array}$ | $\begin{array}{r} .13 \\ 4 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .18 \\ 1 \end{array}$ | $\begin{array}{r} .06 \\ 7 \end{array}$ | $\begin{array}{r} .33 \\ 3 \end{array}$ | $\begin{array}{r} .85 \\ 0 \end{array}$ | $\begin{array}{r} .35 \\ 6 \end{array}$ | $\begin{array}{r} .25 \\ 4 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .38 \\ 1 \end{array}$ | $\begin{array}{r} .33 \\ 3 \\ \hline \end{array}$ | $\begin{array}{r} .25 \\ 9 \end{array}$ | $\begin{array}{r} .38 \\ 1 \end{array}$ | $\begin{array}{r} .23 \\ 6 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .55 \\ 3 \end{array}$ | $\begin{array}{r} .05 \\ 0 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} .11 \\ 1 \end{array}$ | $\begin{array}{r} 14 \\ 9 \end{array}$ | $\begin{gathered} 1.0 \\ 00 \end{gathered}$ | . 559 |  |
| Xtotal | . 46 | . 52 | . 58 | . 39 | . 45 | . 45 | . 19 | . 59 | . 41 | . 35 | . 56 | . 41 | . 46 | . 43 | . 47 | . 60 | . 56 | . 46 | . 49 | . 32 | . 54 | . 42 | . 535 | . 48 | 40 | $3 \times 51$ | . 603 | . 363 | . 47. | 185 | . 56300 | 1.000 |
|  | 3 | 3 | 1 | 6 | 0 | 5 | 2 | 6 | 8 | 7 | 1 | 1 | 0 | 8 | 1 | 7 | 6 | 0 | 3 | 2 | 0 | 4 | 5 | 2 | 1 | 8 | 5 | 5 | 3 | 9 |  |  |

For $\mathrm{N}=30$, the $\mathrm{r}_{\text {table }}$ is 0.361 . The results of the validity test of items number 1 to number 30 on the total score are displayed as follows.

| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 1 | 0.463 | 0.361 | Valid |
| 2 | 0.523 | 0.361 | Valid |
| 3 | 0.581 | 0.361 | Valid |
| 4 | 0.396 | 0.361 | Valid |
| 5 | 0.450 | 0.361 | Valid |
| 6 | 0.455 | 0.361 | Valid |
| 7 | 0.192 | 0.361 | Invalid |
| 8 | 0.596 | 0.361 | Valid |
| 9 | 0.418 | 0.361 | Valid |
| 10 | 0.357 | 0.361 | Invalid |
| 11 | 0.561 | 0.361 | Valid |



The try-out results of the speaking and writing competency tests were analyzed for the validity of the items by using Pearson Product Moment assisted by SPSS 26. The SPSS output as follows.

Speaking Competency Validity

| Correlations |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | X1 | X2 | Xtotal |
| X1 | Pearson Correlation | 1 | . 773 ** | . $937{ }^{* *}$ |
|  | Sig. (2-tailed) |  | . 000 | . 000 |
|  | N | 30 | 30 | 30 |
| X2 | Pearson Correlation | . $773{ }^{* *}$ | 1 | . $945{ }^{* *}$ |
|  | Sig. (2-tailed) | . 000 |  | . 000 |
|  | N | 30 | 30 | 30 |
| Xtotal | Pearson Correlation | . $937 \times$ | . $945 *$ | 1 |
|  | Sig. (2-tailed) | . 000 | . 000 |  |
|  | N | 30 | 30 | 30 |

**. Correlation is significant at the 0.01 level ( 2 -tailed).
For $\mathrm{N}=30$, the $\mathrm{r}_{\text {table }}$ is 0.361 . The results of the validity test of items number 1 and 2 on the total score are displayed as follows.

| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 1 | 0.937 | 0.361 | Valid |
| 2 | 0.945 | 0.361 | Valid |

## Writing Competency Validity

Correlations

|  |  | X1 | X2 | Xtotal |
| :---: | :---: | :---: | :---: | :---: |
| X1 | Pearson Correlation | 1 | . $878{ }^{* *}$ | . $973{ }^{* *}$ |
|  | Sig. (2-tailed) |  | . 000 | . 000 |
|  | N | 30 | 30 | 30 |
| X2 | Pearson Correlation | . $878{ }^{* *}$ | 1 | . 965 ** |
|  | Sig. (2-tailed) | . 000 |  | . 000 |
|  | N | 30 | 30 | 30 |
| Xtotal | Pearson Correlation | . $973{ }^{* *}$ | . 965 ** | 1 |
|  | Sig. (2-tailed) | . 000 | . 000 |  |
|  | N | 30 | 30 | 30 |

${ }^{* *}$. Correlation is significant at the 0.01 level (2-tailed).
For $\mathrm{N}=30$, the $\mathrm{r}_{\text {table }}$ is 0.361 . The results of the validity test of items number 1 and 2 on the total score are displayed as follows.

| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 1 | 0.973 | 0.361 | Valid |
| 2 | 0.965 | 0.361 | Valid |

## 2. Try-Out Results of Attitude Questionnaire

| No | Items |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Xtotal |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | X1 | X2 | X3 | X4 | X5 | X6 | X7 | X8 | X9 | X10 | X11 | X12 | X13 | X14 | X15 |  |
| 1 | 4 | 4 | 4 | 5 | 4 | 4 | 2 | 4 | 3 | 5 | 2 | 2 | 2 | 1 | 4 | 50 |
| 2 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 61 |
| 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 65 |
| 4 | 4 | 4 | 4 | 4 | 5 | 5 | 1 | 4 | 4 | 5 | 2 | 1 | 5 | 2 | 4 | 54 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 75 |
| 6 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 1 | 5 | 1 | 2 | 4 | 56 |
| 7 | 3 | 4 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 4 | 62 |
| 8 | 3 | 3 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 3 | 2 | 2 | 2 | 1 | 4 | 44 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 1 | 5 | 67 |
| 10 | 4 | 5 | 4 | 5 | 4 | 5 | 2 | 4 | 4 | 5 | 5 | 2 | 1 | 3 | 4 | 57 |
| 11 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 1 | 1 | 5 | 5 | 60 |
| 12 | 5 | 5 | 4 | 5 | 4 | 4 | 1 | 4 | 3 | 4 | 2 | 2 | 5 | 2 | 5 | 55 |
| 13 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 2 | 1 | 5 | 5 | 63 |
| 14 | 3 | 3 | 4 | 4 | 5 | 4 | 1 | 3 | 3 | 4 | 5 | 5 | 1 | 4 | 5 | 54 |
| 15 | 5 | 5 | 5 | 4 | 4 | 5 | 1 | 4 | 4 | 3 | 4 | 3 | 2 | 1 | 5 | 55 |
| 16 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 4 | 56 |
| 17 | 5 | 5 | 5 | 4 | 4 | 4 | 2 | 4 | 5 | 5 | 1 | 5 | 2 | 5 | 5 | 61 |
| 18 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 2 | 5 | 68 |
| 19 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 2 | 2 | 5 | 2 | 4 | 51 |
| 20 | 3 | 4 | 4 | 4 | 5 | 4 | 2 | 5 | 4 | 4 | 2 | 5 | 2 | 4 | 4 | 56 |
| 21 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 2 | 2 | 1 | 5 | 58 |
| 22 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 69 |
| 23 | 5 | 4 | 4 | 5 | 4 | 5 | 1 | 3 | 5 | 4 | 2 | 1 | 5 | 5 | 3 | 56 |


| 24 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 1 | 2 | 5 | 61 |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 25 | 5 | 5 | 5 | 5 | 3 | 4 | 3 | 5 | 5 | 5 | 2 | 2 | 2 | 5 | 4 | 60 |
| 26 | 4 | 4 | 3 | 4 | 5 | 5 | 1 | 4 | 4 | 4 | 5 | 5 | 1 | 5 | 4 | 58 |
| 27 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 1 | 5 | 1 | 5 | 52 |
| 28 | 5 | 4 | 3 | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 2 | 2 | 5 | 2 | 3 | 52 |
| 29 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 3 | 2 | 3 | 4 | 58 |
| 30 | 4 | 5 | 4 | 4 | 5 | 4 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 5 | 56 |

The try-out results of the listening and reading competency tests were analyzed for the validity of the items by using Pearson Product Moment assisted by SPSS 26. The SPSS output as follows.

| Correlations |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | X1 | X2 | X3 | X4 | X5 | X6 | X7 | X8 | X9 | X10 | X11 | X12 | X13 | X14 | X15 | Xtotal |
| X1 | Pearson <br> Correlation | 1 | .748" | . 560 | . 554 | . 064 | . 228 | . 006 | . 130 | . 454 | . 335 | -. 208 | -. 125 | . 110 | . 000 | . 133 | . 407 |
|  | Sig. (2-tailed) |  | . 000 | . 001 | . 001 | . 738 | . 225 | . 975 | . 495 | . 012 | . 070 | . 270 | . 509 | . 561 | $\begin{array}{r} 1.00 \\ 0 \\ \hline \end{array}$ | . 485 | . 025 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2 | Pearson Correlation | . 748 | 1 | . 671 | . 503 | . 204 | . 330 | -. 057 | . 345 | . 276 | . 357 | -. 007 | . 153 | -. 059 | . 123 | . 298 | . 541 |
|  | Sig. (2-tailed) | . 000 |  | . 000 | . 005 | . 280 | . 075 | . 765 | . 062 | . 139 | . 052 | . 970 | . 421 | . 757 | . 519 | . 109 | . 002 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3 | Pearson Correlation | . 560 | .671" | 1 | . 207 | . 250 | . 399 | . 186 | . 394 | . 394 | . 265 | . 085 | . 210 | . 065 | . 135 | . 447 | . 650 |
|  | Sig. (2-tailed) | . 001 | . 000 |  | . 271 | . 184 | . 029 | . 325 | . 031 | . 031 | . 156 | 654 | . 264 | . 733 | . 476 | . 013 | . 000 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X4 | Pearson Correlation | . 554 | . 503 | . 207 | 1 | -. 058 | . 219 | -. 019 | . 104 | . 104 | . 503 | -. 047 | -. 131 | . 000 | . 039 | -. 104 | . 277 |
|  | Sig. (2-tailed) | . 001 | . 005 | . 271 |  | . 760 | . 244 | . 921 | . 586 | . 586 | . 005 | . 804 | . 491 | $\begin{array}{r} 1.00 \\ 0 \end{array}$ | . 836 | . 584 | . 138 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X5 | Pearson Correlation | . 064 | . 204 | . 250 | -. 058 | 1 | . 465 | -. 011 | . 439 | . 162 | . 069 | . 191 | . 288 | -. 266 | . 000 | . 421 | . 357 |


|  | Sig. (2-tailed) | . 738 | . 280 | . 184 | . 760 |  | . 010 | . 956 | . 015 | . 393 | . 717 | . 311 | . 123 | . 155 | $\begin{array}{r} 1.00 \\ 0 \end{array}$ | . 021 | . 053 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X6 | Pearson Correlation | . 228 | . 330 | . 399 | . 219 | . 465 | 1 | -. 060 | . 192 | . 192 | . 150 | . 366 | . 033 | . 000 | . 118 | . 097 | . 434 |
|  | Sig. (2-tailed) | . 225 | . 075 | . 029 | . 244 | . 010 |  | . 754 | . 309 | . 309 | . 428 | . 047 | . 864 | $\begin{array}{r} 1.00 \\ 0 \\ \hline \end{array}$ | . 534 | . 608 | . 017 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X7 | Pearson Correlation | . 006 | -. 057 | . 186 | -. 019 | -. 011 | -. 060 | 1 | . 334 | .367 | . 219 | . 327 | . 271 | . 110 | . 086 | . 093 | . 541 |
|  | Sig. (2-tailed) | . 975 | . 765 | . 325 | . 921 | . 956 | . 754 |  | . 071 | . 046 | . 245 | . 078 | . 147 | . 562 | . 651 | . 624 | . 002 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X8 | Pearson Correlation | . 130 | . 345 | . 394 | . 104 | . 439 | . 192 | . 334 | 1 | . 365 | . 105 | . 043 | . 325 | -. 060 | -. 063 | . 254 | . 493 |
|  | Sig. (2-tailed) | . 495 | . 062 | . 031 | . 586 | . 015 | . 309 | . 071 |  | . 048 | . 579 | . 823 | . 080 | . 752 | 742 | . 175 | . 006 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X9 | Pearson Correlation | . 454 | . 276 | . 394 | . 104 | . 162 | . 192 | . 367 | . 365 | 1 | . 316 | . 079 | . 033 | . 000 | . 282 | . 094 | . 548 |
|  | Sig. (2-tailed) | . 012 | . 139 | . 031 | . 586 | . 393 | . 309 | . 046 | . 048 |  | . 089 | . 678 | . 865 | $\begin{array}{r} 1.00 \\ 0 \\ \hline \end{array}$ | . 131 | . 623 | . 002 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X10 | Pearson Correlation | . 335 | . 357 | . 265 | . 503 | . 069 | . 150 | . 219 | . 105 | . 316 | 1 | . 098 | -. 058 | -. 120 | . 249 | . 056 | . 426 |
|  | Sig. (2-tailed) | . 070 | . 052 | .156 | . 005 | . 717 | 428 | . 245 | . 579 | . 089 |  | . 606 | 760 | 528 | 184 | 769 | . 019 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X11 | Pearson Correlation | -. 208 | -. 007 | . 085 | -. 047 | . 191 | . 366 | . 327 | . 043 | . 079 | . 098 | 1 | . 333 | -. 031 | . 259 | . 289 | .513" |
|  | Sig. (2-tailed) | . 270 | . 970 | .654 | . 804 | . 311 | . 047 | . 078 | . 823 | . 678 | . 606 |  | . 072 | . 870 | . 167 | . 121 | . 004 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X12 | Pearson Correlation | -. 125 | . 153 | . 210 | -. 131 | . 288 | . 033 | . 271 | . 325 | . 033 | -. 058 | . 333 | 1 | -. 069 | . 288 | . 177 | . 527 " |
|  | Sig. (2-tailed) | . 509 | . 421 | 264 | . 491 | . 123 | . 864 | . 147 | . 080 | . 865 | . 760 | . 072 |  | . 716 | . 122 | . 348 | . 003 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X13 | Pearson Correlation | . 110 | -. 059 | . 065 | . 000 | -. 266 | . 000 | . 110 | -. 060 | . 000 | -. 120 | -. 031 | -. 069 | 1 | -. 053 | -. 239 | . 189 |
|  | Sig. (2-tailed) | . 561 | . 757 | . 733 | 1.000 | . 155 | $\begin{array}{r} 1.00 \\ 0 \end{array}$ | . 562 | . 752 | $\begin{array}{r} 1.00 \\ 0 \end{array}$ | . 528 | . 870 | . 716 |  | . 779 | . 203 | . 317 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |


| X14 | Pearson Correlation | . 000 | . 123 | . 135 | . 039 | . 000 | . 118 | . 086 | -. 063 | . 282 | . 249 | . 259 | . 288 | -. 053 | 1 | -. 142 | . $459{ }^{*}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sig. (2-tailed) | 1.000 | . 519 | . 476 | . 836 | 1.000 | . 534 | . 651 | . 742 | . 131 | . 184 | . 167 | . 122 | . 779 |  | . 453 | . 011 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X15 | Pearson Correlation | . 133 | . 298 | . 447 | -. 104 | . 421 | . 097 | . 093 | . 254 | . 094 | . 056 | . 289 | . 177 | -. 239 | -. 142 | 1 | . 313 |
|  | Sig. (2-tailed) | . 485 | . 109 | . 013 | . 584 | . 021 | . 608 | . 624 | . 175 | . 623 | . 769 | . 121 | . 348 | . 203 | . 453 |  | . 093 |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Xtotal | Pearson Correlation | . 407 | . 541 | .650" | . 277 | . 357 | . 434 | . 541 . | . 493 | . 548 | . 426 | . 513 | . 527. | . 189 | . 459 | . 313 | 1 |
|  | Sig. (2-tailed) | . 025 | . 002 | . 000 | . 138 | . 053 | . 017 | . 002 | . 006 | . 002 | . 019 | . 004 | . 003 | . 317 | . 011 | . 093 |  |
|  | N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

**. Correlation is significant at the 0.01 level (2-tailed).
*. Correlation is significant at the 0.05 level (2-tailed).

For $\mathrm{N}=30$, the $\mathrm{r}_{\text {table }}$ is 0.361 . The results of the validity test of items number 1 to number 15 on the total score are displayed as follows.

| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 1 | 0.407 | 0.361 | Valid |
| 2 | 0.541 | 0.361 | Valid |
| 3 | 0.650 | 0.361 | Valid |
| 4 | 0.277 | 0.361 | Invalid |
| 5 | 0.357 | 0.361 | Invalid |
| 6 | 0.434 | 0.361 | Valid |
| 7 | 0.541 | 0.361 | Valid |
| 8 | 0.493 | 0.361 | Valid |
| 9 | 0.548 | 0.361 | Valid |
| 10 | 0.426 | 0.361 | Valid |
| 11 | 0.513 | 0.361 | Valid |
| 12 | 0.527 | 0.361 | Valid |


| No. | $\mathrm{r}_{\text {count }}$ | $\mathrm{r}_{\text {tabel }}$ | Criteria |
| :---: | :---: | :---: | :---: |
| 13 | 0.189 | 0.361 | Invalid |
| 14 | 0.459 | 0.361 | Valid |
| 15 | 0.313 | 0.361 | Invalid |

## ATTACHMENT 4. Reliability Results of Try-Out Instruments

## 1. Reliability For English Language Competency Test

To know the reliability coefficient of the listening, speaking, reading and writing competency tests, the Alpha Cronbach formula was used assisted by SPSS 26. The SPSS output as follows.

Listening Competency Reliability


Reading Competency Reliability

## Reliability Statistics

Cronbach's
Alpha Based on

| Cronbach's <br> Alpha | Standardized <br> Items | N of Items |
| ---: | ---: | ---: |
| .868 | .876 | 27 |

Writing Competency Reliability

Reliability Statistics

| Cronbach's | Cronbach's <br> Alpha Based on <br> Standardized <br> Items | N of Items |
| :--- | ---: | ---: |
| .930 | .935 | 2 |

According to Sujarweni (2014), the results are reliable if they have a Cronbach alpha value >0.60. The results of the reliability test are displayed as follows.

| Test | $\mathrm{r}_{11}$ | $\mathrm{r}_{\text {kritis }}$ | Criteria |
| :--- | :---: | :--- | :--- |
| Listening | 0.823 | 0.60 | Reliable |
| Speaking | 0.871 | 0.60 | Reliable |
| Reading | 0.868 | 0.60 | Reliable |
| Writing | 0.930 | 0.60 | Reliable |

## 2. Reliability For Attitude Questionnaire

To know the reliability coefficient of the attitude questionnaires, the Cronbach Alpha formula was used assisted by SPSS 26. The SPSS output as follows.

Reliability Statistics

| Cronbach's | Cronbach's <br> Alpha Based on <br> Standardized <br> Items | N of Items |
| :--- | ---: | ---: |
| .675 | .747 | 11 |

According to Sujarweni (2014), the results are reliable if they have a Cronbach alpha value >0.6. The results of the reliability attitude questionnaire was 0.675 , it means it is reliable.

## ATTACHMENT 5. Research Instrument

## 1. English Language Competency Test (Post-Test)

## Listening Test

## Listen to the dialogue carefully for questions number 1 to 3!



1. What competition is discussed in the dialogue?
c. Public speaking
c. Story telling
d. Debate
d. Singing
2. Who will take part in the competition?
c. Faisal
c. Faisal's friend
d. Dirga
d. Dirga's friend
3. What is the expression of hope mentioned in the dialogue?
a. That's why I am so nervous.
b. Really?
c. I hope you will be the winner of the competition.
d. Thank you.

## Listen to the dialogue carefully for questions number 4 to 7!


4. How many people are there in the dialogue?
a. 2 people
b. 3 people
c. 4 people
d. 5 people
5. "I agree, I think that would be perfect!"

What kind of expression is it?
a. Asking agreement
b. Stating agreement
c. Asking opinion
d. Stating disagreement
6. "That might be a little too cold for some people." Anonymous from the underlined word is
a. icy
c. cool
b. hot
d. dry
7. Based on the dialogue, what will they do next?
a. They will go on a company outing
b. They will go on a champing
c. They plan to work together
d. They will do a survey

## Listen to the dialogue carefully for questions number 8 to 9 !


8. How many people are there in the dialogue?

Answer: $\qquad$
9. How is to be a good football player according to dialogue?

Answer: $\qquad$

## Listen to the monologue carefully for questions number 10 to 11!


10. Based on statement 1, does the speaker agree that the $t$-shirt worn is suitable?

Answer: $\qquad$
11. Based on statement 2, what musical instruments do the speakers think that are easy to play?
Answer:

Listen to the monologue carefully for questions number 12 to 15 !

12. What is the name of the product?

Answer: $\qquad$
13. How many times is the recommended use per day?

Answer: $\qquad$
14. What advice is recommended if irritation occurs?

Answer: $\qquad$
15. Can the product be used until February 2023?

Answer: $\qquad$

## Speaking Test

## Choose of the tasks you want to do:

1. Tell me about your hope in the future and things you will do if you got the second chance to fix the past. Use the expression of hoping and wishing. Tell me about it in 5-10 sentences.
2. Tell me about your agreement or disagreement if we should take some vitamins every day to keep our body healthy. Tell me about it in 5-10 sentences.

## Reading Test

## A. Choose the correct answer by crossing (X) a, b, c, or d!

## Dialogue for questions number 1 to 5

Bunga : Hi, Sarah. You look so happy, is there anything special?
Sarah : I get a message from my sister that I got a motorcycle from my father's office.

Bunga : Wow. That's really great. How can you get it?
Sarah : Yeah. My father's office will give some prizes to the staff's children if they have a good skill in music or sport.

Bunga : That's great. I know that you're an athlete so you have good skill in sport. Congratulations, girl!

Sarah : I am happy about it. Thank you, but I'm still learning to be a good athlete.

1. How many people are there in the dialogue?
a. 2 people
b. 3 people
c. 4 people
d. 5 people
2. Who got the prize?
a. Sarah
c. Staff
b. Sarah's father
d. Bunga
3. How the girl could get the prize? It is because ....
a. She got the first rank in her class
c. She buys a lottery
b. She is a good girl
d. She has a good skill in sports
4. What is the expression of congratulation mentioned in the dialogue?
a. Congratulation, girl!
b. Hi, Sarah.
c. Thank you, but I'm still learning to be a good athlete
d. How can you get it?
5. Who will give the prize for the girl?
a. Her father
c. Her father office
b. Her friends
d. Her friends' father

## Dialogue for questions number 6 to 10

Adi : Dara, congratulations for being the first winner of the school story telling competition! Excellent. You really did it well.

Dara : Thanks, Adi.
Adi : I heard that you will be a representative of our school in the story telling competition of our regency. Is it true?

Dara : Yes, you're right.
Adi : I hope you will win as well as in the this competition.
Dara : I hope so. But I'm nervous.
Adi $\quad$ : Don't worry, you're a very good story teller. Good luck.
Dara : Thanks. I'll do my best. Wish me luck.
6. What competition did Dara join in ?
a. Debate
c. Public speaking
c. Story telling
d. Singing
7. What is the next competition level will Dara join?
a. Province
c. Regency
c. National
d. International
8. What is Adi's hope for Dara?
a. That she will find new style
c. To find new friend
c. That she will be brave
d. To win the competition
9. Which one is the expression of congratulations others?
a. I'm so proud of you
b. Do you agree with me?
c. I think you can win the beauty contest.
d. I'd like to congratulate you on your success
10. Dian : Have you heard if I won the bike race this morning?

Leo : Really? ....
a. I hope you don't lie to me
b. I must congratulate you
c. You must win the race
d. Are you parents proud of you?
11. What do you hope if your classmate will join a speech competition?
a. Congratulation!
b. We are so proud of you
c. I hope you'll do the best at the competition
d. Wish me luck!
12. Rio : Is it true that you get the first rank?

Elsa : Yes
Rio : Congratulations!
Elsa : .....
a. No need
c. Thanks a lot
b. You must be kidding
d. I hope you'll get the first rank.

Dialogue for questions number 13 to 16
Billy : Did you read that the letter in the paper about smoking? The person who wrote that must be out of mind.
Sam : I don't think so. I think the government should do everything they can to discourage people from smoking.
Billy : Maybe so. But, a law which bans cigarettes would do not good.
Sam : No. You can't suddenly make smoking illegal. But the government could prohibit smoking in public areas.
Billy : Yes, that's true. Anyway, in most places you can't smoke in cinemas. But, I think people should be allowed to smoke on trains and buses. Don't you?
Sam : Not at all. It's awful sitting next to someone blowing smoke all over you, if you don't smoke yourself.
13. What are they talking about?
a. The government who prohibit people to smoke on buses
b. Cigarettes which is banned
c. The rule of smoking
d. Public place
14. The expression "I don't think so" in the dialogue shows
a. disagreement
c. possibility
b. agreement
d. instruction
15. According to the dialogue, what should the government do to avoid smoking?
a. Bans the cigarette
b. Punish the smoker
c. Prohibit smoking in public areas
d. Bans the import of cigarettes
16. According to Sam's opinion, what does it feel to the next of smoker?
a. happy
c. tired
b. so so
d. awful

Text for question number 17 to 20

| Full Citrus <br> Refreshing Water |  |  |
| :---: | :---: | :---: |
| Extract Lemon |  |  |
| Healthy and Fresh |  |  |
| Under license by Rock Meal Indonesia |  |  |
| In a bottle (140 |  |  |
| Vitamin C | 100 |  |
| Energy | 65 |  |
| Protein | 0 | g |
| Fat | 0 | g |
| Carbohydrate | 16 | g |
| Sugar | 6 | g |
| Natrium | 99 | g |
| Vitamin B 1 |  | g |
| Vitamin E |  | g |
| Niacin |  | g |

17. How much liquid does the Full Citrus contain?
a. $\quad 100 \mathrm{mg}$
b. 99 g
c. 140 ml
d. 65 cal
18. The following are the vitamin in Full Citrus, except
a. vitamin A
c. vitamin C
c. vitamin B1
d. vitamin E
19. From the label we know that Full Citrus does not contain
a. carbohydrate
c. protein
b. vitamin
d. energy
20. What kind of medicine Full Citrus is?
a. Liquid
c. Capsules
b. Tablet
d. Cream
B. Read the dialogue below then state true or false on the following table. Make a correction for the false based on the statements you find!

Diana : Hi, Nadia. You look so busy today.
Nadia : Yeah, I must study hard to prepare myself for the English speech contest.

Diana : That's great. I hope you get the best of it
Nadia : I hope so. By the way, what about your story telling contest?
Diana : I haven't known about the result
Nadia : Don't worry if you have done the best, I expect you'll a good news soon
Diana : I hope so, thanks a lot, my best friend.
Nadia : Okay, girl.

| No | Statements | True | False |
| :--- | :--- | :--- | :--- |
| 1 | There are two boys in the dialogue. |  |  |
| 2 | Nadia is busy when Diana sees her. |  |  |
| 3 | Nadia prepares herself for the storytelling contest. |  |  |
| 4 | Diana won a storytelling contest. |  |  |
| 5 | Nadia hopes that Diana will get the announcement. |  |  |

## Writing Test

Please create your dialogue using your own topic in 5-10 sentences. Choose of the tasks you want to do:

1. Write the dialogue using the expressions of congratulation.
2. Write the dialogue sentences using "in order to" and "so that".

## 2.Students' Attitude Questionnaire

## (Google Form)

Petunjuk:
Lakukan penilaian terhadap dirimu sendiri selama mengikuti pembelajaran Bahasa Inggris!

1. Belajar Bahasa Inggris itu luar biasa.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
2. Saya sangat senang belajar Bahasa Inggris.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
3. Bahasa Inggris adalah bagian penting dari progam sekolah.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
4. Saya ingin belajar Bahasa inggris sebanyak mungkin.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
5. Saya senang bertemu dan mendengarkan orang-orang yang berbicara menggunakan Bahasa Inggris.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
6. Mempelajari Bahasa Inggris penting karena akan membuat saya lebih nyaman dengan penutur Bahasa Inggris lainnya.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
7. Mempelajari Bahasa Inggris pentig bagi saya karena memungkinkan saya untuk bertemu dan berkomunikasi dengan lebih banyak orang.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
8. Mempelajari Bahasa Inggris penting bagi saya karena memungkinkan saya untuk lebih memahami dan menghargai seni dan sastra Inggris.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
9. Mempelajari Bahasa Inggris penting bagi saya karena saya bisa bebas berpartisipasi dalam kegiatan komunitas budaya lain.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu
10. Belajar Bahasa Inggris penting bagi saya karena saya akan membutuhkannya untuk karir saya di masa depan.
a. Sangat setuju
d. Tidak Setuju
b. Setuju
e. Sangat Tidak Setuju
c. Ragu-Ragu

Score :
a. Sangat setuju $=5$
b. Setuju $=4$
c. Ragu-Ragu $=3$
d. Tidak setuju $=2$
e. Sangat Tidak Setuju $=1$

## Answer Key <br> (Listening Test)

1. C
2. A
3. C
4. A
5. B
6. B
7. D
8. Two peoples
9. Train hard and focus in every match
10. No, he doesn't
11. Guitar
12. Skin cream
13. Three times a day
14. Consult a doctor
15. No, it can't.

Final Score
Multiple choice : Total score x 5
Short answer : Total score x 8.125
Maximum Score $=100$
Minimum Score $\quad=0$

Scoring Rubric
(Speaking Test)

| ASPECT | SCORE | DESCRIPTION |  |
| :---: | :---: | :---: | :--- |
| Pronunciation | 5 | $\square$ | Easy to understand and has native speaker's <br> accent |
|  | 4 | $\square$ | Easy to understand with certain accent |
|  | 3 | $\square$ | There are some problems in pronunciation <br> made listener should more concentration <br> and sometimes there is misunderstanding |
|  | 2 | $\square$ | Difficult to understand because there is <br> problem in pronunciation, asked to repeat |
|  | 1 | $\square$ | The serious pronunciation so it can not <br> be understood |
|  |  |  |  |



Adapted from Brown and Abeywickrama (2018, pp. 184-185)

$$
\begin{array}{ll}
\text { Final Score } & =\text { Total Score } \mathrm{x} 4 \\
\text { Maximum Score } & =100
\end{array}
$$

$$
\text { Minimum Score } \quad=20
$$

## Answer Key <br> (Reading Test)



| Aspect | Score | Description | Weight |
| :---: | :---: | :--- | :---: |
| Content (a) <br> $\mathbf{3 0 \%}$ <br> - Topic <br> - Detail | 4 | The topic is complete, clear, and <br> the details are relating to the <br> topic. | $3 x$ |
|  | 3 | The topic is complete and clear, <br> but the details are almost relating <br> to the topic. |  |



|  |  | capitalization. |
| :--- | :--- | :--- |
| Adapted from Brown (2007) |  |  |

Scale: 1-4 (for point a,b,c,d,e)
Final Score: $\left.\frac{3(\text { score } a)+2(\text { score } b)+2(\text { score })+1,5(\text { score })+1,5(\text { score })}{}\right) \times 100$
Maximum Score $=100$
Minimum Score $\quad=25$


## ATTACHMENT 6. Teaching Scenario

## Teaching Scenario



## Meeting 1 (Experiment Class)

Topic : Expressing hope, wish, and congratulation
Time Allocation $\quad: 2 \times 40$ minutes

| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. The researcher introduces herself and prepares the blended English literacy-based assessment that will be used in the form of E-book. <br> 4. Praying before the lesson begins <br> 5. Checking the students' attendance |
| :---: | :---: |
|  | 6. The researcher will give explanation of how to use assessment using smartphone before giving assignments to students, so that the researcher can find out what might happen, such as bad connections and other possibilities. |
|  | 7. Conducting apperception through questions and answers regarding the use of expressions of hope, wish, and congratulations. Like, "What do you friends say to you when you hold a party?" |
| Main Activity | 1. Students make observations on several dialogues and texts that use expressions of hope, wish, and congratulations. <br> 2. Students discussed and discussed the problems in real life related to expressions of hope, wish, and congratulations. |
|  | 3. At the end of the lesson, the researcher will give the blended literacy-based assessment to the students in the form of speaking test, the students asked to make a dialogue with their classmates (see E-module page 7). |


| Post Activity | 1. The researcher will discuss with the students about the <br> obstacles during the experiment so that the next experiment <br> would be better. |
| :--- | :--- |
|  | 2. Class ends. |

## Meeting 1 (Control Class)

| Topic | $:$ Expressing hope, wish, and congratulation |
| :--- | :--- |
| Time Allocation | $: 2 \times 40$ minutes |


| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. The researcher introduces herself. <br> 4. Praying before the lesson begins <br> 5. Checking the students' attendance |
| :---: | :---: |
|  | 6. Conducting apperception through questions and answers regarding the use of expressions of hope, wish, and congratulations. Like, "What do you friends say to you when you hold a party?" |
| Main Activity | 1. Students make observations on several dialogues and texts that use expressions of hope, wish, and congratulations. <br> 2. Students discussed and discussed the problems in real life related to expressions of hope, wish, and congratulations |
|  | 3. At the end of the lesson, the researcher will give conventional assessment as is usually done by the teacher in the form of writing test. |
| Post Activity | 1. The researcher will discuss with the students about the obstacles during the class. |
|  | 2. Class ends. |

## Meeting 2 (Experiment Class)

Topic : Expressing hope, wish, and congratulation
Time Allocation $: 2 \times 40$ minutes

|  | 1. Greeting |
| :--- | :--- |
| Pre Activity | 2. Asking the students' condition |
|  | 3. The researcher prepares the blended English literacy-based |
|  | 4ssessment that will be used in the form of E-book. |
|  | 4. Praying before the lesson begins |
|  | 5. Checking the students' attendance |
|  | 6. The researcher explain about the previous material |


|  |  |
| :---: | :---: |
| Main Activity | 1. Students explore information about the problems in real life related to expressions of hope, wish, and congratulations. <br> 2. Students conclude several expressions that can be used to express hopes, wish, and congratulations. |
|  | 3. At the end of the lesson, the researcher will give the blended literacy-based assessment to the students in the form of listening and reading tests from watching the video (see Emodule page 9-10). |
| Post Activity | 1. The researcher will discuss with the students about the obstacles during the experiment so that the next experiment would be better. |
|  | 2. Class ends. |
| Topic <br> Time Allocation | Meeting 2 (Control Class) <br> Expressing hope, wish, and congratulation : $2 \times 40$ minutes |
| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. Praying before the lesson begins <br> 4. Checking the students' attendance <br> 5. The researcher explains about the previous material. |
|  | 6. The researchers will discuss topic with students. |
| Main Activity | 1. Students explore information about the problems in real life related to expressions of hope, wish, and congratulations. <br> 2. Students conclude several expressions that can be used to express hopes, wish, and congratulations. |
|  | 3. At the end of the lesson, the researcher will give conventional assessment as is usually done by the teacher in the form of reading test |
| Post Activity | 1. The researcher will discuss with the students about the obstacles during the class. |
|  | 2. Class ends. |

## Meeting 3 (Experiment Class)

Topic : Expressing Agreement and Disagreement
Time Allocation : $2 \times 40$ minutes
Pre Activity $\quad$ 1. Greeting

|  | 2. Asking the students' condition <br> 3. The researcher prepares the blended English literacy-based assessment that will be used in the form of E-book. <br> 4. Praying before the lesson begins <br> 5. Checking the students' attendance |
| :---: | :---: |
|  | 6. Conducting apperception through questions and answers regarding the use of expressions agreement and disagreement. Like, "Do you agree if our school held anniversary celebration? What do you think of it?" |
|  | 1. Students observe the use of grammatical to, in order to, so that, agreement and disagreement. <br> 2. Students discuss the use of grammatical elements to, in order to, so that, agreement, and disagreement. |
|  | 3. At the end of the lesson, the researcher will give the blended literacy-based assessment the students in the form of writing test, the students asked to write their opinions (see E-module page 18). |
| Post Activity | 1. The researcher will discuss with the students about the obstacles during the experiment so that the next experiment would be better. |
|  | 2. Class ends. |
| Topic <br> Time Allocation | Meeting 3 (Control Class) <br> : Expressing Agreement and Disagreement : $2 \times 30$ minutes |
| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. Praying before the lesson begins <br> 4. Checking the students' attendance <br> 5. Conducting apperception through questions and answers regarding the use of expressions agreement and disagreement. Like, "Do you agree if our school held anniversary celebration? What do you think of it?" |
| Main Activity | 1. Students observe the use of grammatical to, in order to, so that, agreement and disagreement. <br> 2. Students discuss the use of grammatical elements to, in order to, so that, agreement, and disagreement |
|  | 3. At the end of the lesson, the researcher will give conventional assessment as is usually done by the teacher in the form of writing test |


| Post Activity | 1. The researcher will discuss with the students about the <br> obstacles during the class. |
| :--- | :--- |
|  | 2. Class ends. |

## Meeting 4 (Experiment Class)

Topic : Expressing Agreement and Disagreement
Time Allocation : $2 \times 40$ minutes

| Pre Activity | $\begin{array}{l}\text { 1. Greeting } \\ \text { 2. Asking the students' condition } \\ \text { 3. The researcher prepares the blended English literacy-based } \\ \text { assessment that will be used in the form of E-book. } \\ \text { 4. Praying before the lesson begins }\end{array}$ |
| :---: | :--- |
|  |  |$]$| 6. The researcher explains about the previous material. |
| :--- | :--- |

Meeting 4 (Control Class)
Topic : Expressing Agreement and Disagreement
Time Allocation : $2 \times 40$ minutes

|  | 1. Greeting <br> Pre Activity |
| :---: | :--- |
|  | 2. Asking the students' condition |
| 3. Praying before the lesson begins |  |
| 4. Checking the students' attendance |  |
|  | 5. The researcher explains about the previous material. |
| Main Activity | 1. Students explore information about linguistic elements to, in <br> order to, so that, agreement and disagreement. <br> 2. Students analyze linguistic elements to, in order to, so that, |


|  | agreement and disagreement. |
| :---: | :--- |
|  | 3. At the end of the lesson, the researcher will give <br> conventional assessment as is usually done by the teacher in <br> the form of writing test |
| Post Activity | 1. The researcher will discuss with the students about the <br> obstacles during the class. |
|  | 2. Class ends. |

## Meeting 5 (Experiment Class)

| Topic | $:$ How to Read the Label |
| :--- | :--- |
| Time Allocation | $: 2 \times 40$ minutes |


| Pre Activity | $\begin{array}{l}\text { 1. Greeting } \\ \text { 2. Asking the students' condition } \\ \text { 3. The researcher prepares the blended English literacy-based } \\ \text { assessment that will be used in the form of E-book. } \\ \text { 4. Praying before the lesson begins }\end{array}$ |
| :---: | :--- |
|  |  |\(\left.] \begin{array}{l}6. Conducting apperception through questions and answers <br>

regarding how to read the label. Like, "How do you pick <br>
between two nutrious food that both offers you a good <br>
benefit? You read the label?"\end{array}\right]\)

## Meeting 5 (Control Class)

Topic : How to Read the Label
Time Allocation $: 2 \times 40$ minutes

|  | $\begin{array}{l}\text { 1. Greeting } \\ \text { 2. Asking the students' condition } \\ \text { Pre Activity }\end{array}$ |
| :---: | :--- |
| 3. Praying before the lesson begins |  |
|  |  |
|  |  |
|  |  |
| between two nutrious food that both offers you a good |  |
| benefit? You read the label?" |  |$]$

Meeting 6 (Experiment Class)
Topic $\quad:$ How to Read the Label
Time Allocation $: 2 \times 40$ minutes

| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. The researcher prepares the blended English literacy-based <br> assessment that will be used in the form of E-book. <br> 4. Praying before the lesson begins <br> 5. Checking the students' attendance |
| :---: | :--- |
|  |  |

2. Class ends.

## Meeting 6 (Control Class)

Topic : How to Read the Label
Time Allocation $: 2 \times 40$ minutes

| Pre Activity | 1. Greeting <br> 2. Asking the students' condition <br> 3. Praying before the lesson begins <br> 4. Checking the students' attendance <br> 5. The researcher explains about the previous material |
| :---: | :---: |
| Main Activity | 1. Students explore information about short and simple labels, related to drugs/drinks/food. <br> 2. Students analyze short and simple labels related to drugs/drinks/food. <br> 3. Students make a summary of short and simple labels, related to drugs/drinks/food. |
|  | 4. At the end of the lesson, the researcher will give conventional assessment as is usually done by the teacher in the form of writing test |
| Post Activity | 1. The researcher will discuss with the students about the obstacles during the class. |
|  | 2. Class ends. |

## ATTACHMENT 7. Calculation of Score Categorization

## Students' English Language Competency

Ideal Maximum Score $=100$
Ideal Minimum Score $=11,25$
Mi $=1 / 2$ (Ideal Maximum Score + Ideal Minimum Score)
$\mathrm{Mi}=1 / 2 \times(100+11,25)=55,625$
SDi $=1 / 6 \times($ Ideal Maximum Score - Ideal Minimum Score $)$
SDi $=1 / 6 \times(100-11,25)=14,792$
$\mathrm{Mi}+1,5 \mathrm{SDi} \leq \mathrm{M} \leq \mathrm{Mi}+3,0 \mathrm{SDi}=55,625+1,5(14,792) \leq \mathrm{M} \leq 55,625+3,0(14,792)$
$=55,625+22,188 \leq \mathrm{M} \leq 55,625+44,375$
$=78 \leq M \leq 100$
$\mathrm{Mi}+0,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}+1,5 \mathrm{SDi}=55,625+0,5(14,792) \leq \mathrm{M} \leq 55,625+1,5(14,792)$
$=55,625+7,396 \leq \mathrm{M} \leq 55,625+22,188$
$=63 \leq M<78$
$\mathrm{Mi}-0,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}+0,5 \mathrm{SDi}=55,625-0,5(14,792) \leq \mathrm{M} \leq 55,625+0,5(14,792)$
$=55,625-7,396 \leq \mathrm{M} \leq 55,625+7,396$
$=48 \leq M<63$
$\mathrm{Mi}-1,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}-0,5 \mathrm{SDi}=55,625-1,5(14,792) \leq \mathrm{M} \leq 55,625-0,5(14,792)$
$=55,625-22,188 \leq M \leq 55,625-7,396$
$=33 \leq M<48$
$\mathrm{Mi}-3,0 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}-1,5 \mathrm{SDi}=55,625-3,0(14,792) \leq \mathrm{M} \leq 55,625-1,5(14,792)$
$=55,625-44,375 \leq M \leq 55,625-22,188$
$=11,25 \leq M<33$

| Interval | Classification |
| :---: | :---: |
| $78 \leq \mathrm{M} \leq 100$ | Very high |
| $63 \leq \mathrm{M}<78$ | High |
| $48 \leq \mathrm{M}<63$ | Medium |
| $33 \leq \mathrm{M}<48$ | Low |
| $11,25 \leq \mathrm{M}<33$ | Very low |

## Students' Attitudes

Ideal Maximum Score $=5 \times 10=50$
Ideal Minimum Score $=1 \times 10=10$
$\mathrm{Mi}=1 / 2$ (Ideal Maximum Score + Ideal Minimum Score)
$\mathrm{Mi}=1 / 2 \times(50+10)=30$
SDi $=1 / 6 \times($ Ideal Maximum Score - Ideal Minimum Score $)$
$\mathrm{SDi}=1 / 6 \times(50-10)=6,67$
$\mathrm{Mi}+1,5 \mathrm{SDi} \leq \mathrm{M} \leq \mathrm{Mi}+3,0 \mathrm{SDi}=30+1,5(6,67) \leq \mathrm{M} \leq 30+3,0(6,67)$
$=30+10 \leq M \leq 30+20$
$=40 \leq M \leq 50$
$\mathrm{Mi}+0,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}+1,5 \mathrm{SDi}=30+0,5(6,67) \leq \mathrm{M} \leq 30+1,5(6,67)$
$=30+3,33 \leq M \leq 30+10$
$=33 \leq M<40$
$\mathrm{Mi}-0,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}+0,5 \mathrm{SDi}=30-0,5(6,67) \leq \mathrm{M} \leq 30+0,5(6,67)$
$=30-3,33 \leq \mathrm{M} \leq 30+3,33$
$=27 \leq M<33$
$\mathrm{Mi}-1,5 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}-0,5 \mathrm{SDi}=30-1,5(6,67) \leq \mathrm{M} \leq 30-0,5(6,67)$
$=30-10 \leq \mathrm{M} \leq 30-3,33$
$=20 \leq M<27$
$\mathrm{Mi}-3,0 \mathrm{SDi} \leq \mathrm{M}<\mathrm{Mi}-1,5 \mathrm{SDi}=30-3,0(6,67) \leq \mathrm{M} \leq 30-1,5(6,67)$
$=30-20 \leq \mathrm{M} \leq 30-10$
$=10 \leq M<20$

| Interval | Classification |
| :---: | :---: |
| $40 \leq \mathrm{M} \leq 50$ | Very high |
| $33 \leq \mathrm{M}<40$ | High |
| $27 \leq \mathrm{M}<33$ | Medium |
| $20 \leq \mathrm{M}<27$ | Low |
| $10 \leq \mathrm{M}<20$ | Very low |

## ATTACHMENT 8. Research Data

## English Language Competency of Experimental Group

| No. | Experimental Group |  |  |  | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Post-Test |  |  |  |  |
|  | Listening | Speaking | Reading | Writing |  |
| 1 | 92 | 85 | 80 | 85 | 85 |
| 2 | 100 | 85 | 100 | 96 | 96 |
| 3 | 95 | 80 | 92 | 82 | 82 |
| 4 | 69 | 75 | 80 | 72 | 72 |
| 5 | 79 | 85 | 80 | 83 | 83 |
| 6 | 69 | 75 | 60 | 64 | 64 |
| 7 | 92 | 80 | 80 | 78 | 78 |
| 8 | 92 | 85 | 92 | - 82 | 82 |
| 9 | 92 | 80 | 92 | 82 | 82 |
| 10 | 100 | 90 | 100 | 95 | 95 |
| 11 | 84 | - 75 | 92 | 82 | 82 |
| 12 | 95 | - 80 | 96 | 92 - | 92 |
| 13 | 74 | 70 | 72 | 82 | 82 |
| 14 | 92 | 75 | 84 | 92 | 92 |
| 15 | 92 | 85 | 88 | 92 | 92 |
| 16 | 79 | 80 | 80 | 60 | 60 |
| 17 | 92 | 75 | 80 | 80 | 80 |
| 18 | 77 | 70 | 84 | 72 | 72 |
| 19 | 79 | 70 | 80 | 74 | 74 |
| 20 | 61 | 65 | 60 | 63 | 63 |
| 21 | 69 | 70 | 1/ 72 | - 74 | 74 |
| 22 | 74 | 75 | 72 | 85 | 85 |
| 23 | 84 | 70 | 72 | 73 | 73 |
| 24 | 84 | 75 | 80 | 92 | 92 |
| 25 | 92 | 80 | 76 | 92 | 92 |
| 26 | 79 | 75 | 84 | 76 | 76 |
| 27 | 92 | 85 | 88 | 83 | 83 |
| 28 | 92 | 75 | 80 | 83 | 83 |
| 29 | 92 | 85 | 92 | 82 | 82 |
| 30 | 69 | 70 | 60 | 72 | 72 |

## English Language Competency of Control Group

| No. | Control Group |  |  |  | Average |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Post-Test |  |  |  |  |
|  | Listening | Speaking | Reading | Writing |  |
| 1 | 69 | 65 | 60 | 68 | 66 |
| 2 | 61 | 65 | 56 | 62 | 61 |
| 3 | 61 | 65 | 72 | 72 | 68 |
| 4 | 79 | 80 | 92 | 82 | 83 |
| 5 | 79 | 75 | 80 | 80 | 79 |
| 6 | 77 | 65 | 60 | 70 | 68 |
| 7 | 61 | 75 | 72 | 78 | 72 |
| 8 | 61 | 65 | 72 | 73 | 68 |
| 9 | 69 | 70 | 72 | 62 | 68 |
| 10 | 79 | 85 | 80 | 82 | 82 |
| 11 | 69 | -75 | 60 | 72 | 69 |
| 12 | 61 | 70 | 72 | 77 | 70 |
| 13 | 69 | 75 | 84 | 73 - | 75 |
| 14 | 77 | 80 | - 72 | 72 | 75 |
| 15 | 61 | 65 | 64 | 62 | 63 |
| 16 | 79 | 85 | 80 | 74 | 80 |
| 17 | 69 | 75 | 64 | 60 | 67 |
| 18 | 74 | 75 | 72 | 78 | 75 |
| 19 | 74 | 80 | 76 | 60 | 73 |
| 20 | 69 | 85 | 72 | 80 | 77 |
| 21 | 61 | 65 | 76 | 62 | 66 |
| 22 | 74 | 70 | 76 | 67 | 72 |
| 23 | 69 | 65 | 1 60 | 65 | 65 |
| 24 | 92 | 80 | 100 | 92 | 91 |
| 25 | 69 | 75 | 80 | 78 | 76 |
| 26 | 84 | 85 | 80 | 82 | 83 |
| 27 | 84 | 80 | 72 | 84 | 80 |
| 28 | 69 | 75 | 80 | 73 | 74 |
| 29 | 74 | 80 | 76 | 76 | 77 |
| 30 | 61 | 75 | 72 | 72 | 70 |

## Students' Attitude

| No. | Experimental Group | Control Group |
| :---: | :---: | :---: |
| 1 | 39 | 33 |
| 2 | 44 | 40 |
| 3 | 30 | 38 |
| 4 | 35 | 39 |
| 5 | 41 | 39 |
| 6 | $34 \sim$ | 36 |
| 7 | 40 | 37 |
| 8 | 39 (1111178 | 44 |
| 9 | $43-$ | 42 |
| 10 | - 40 | (S8) 38 |
| 11 | $\times \quad 46$ | 541 |
| 12 | 40 | \% 44 |
| 13 | - 39 | - 44 |
| 14 | 42 | 42 |
| 15 | 48 | 34 |
| 16 | 41 | 40 |
| 17 | 45 | 36 |
| 18 | 46 | 33 |
| 19 | 37 | 37 |
| 20 | 42 | 41 |
| 21 | $46 \sim \square$ | 31 |
| 22 | 43 | 37 |
| 23 | 43 | 38 |
| 24 | 34 | 39 |
| 25 | 45 | 43 |
| 26 | 46 | 40 |
| 27 | 46 | 40 |
| 28 | 41 | 42 |
| 29 | 46 | 42 |
| 30 | 38 | 43 |

## ATTACHMENT 9. Descriptive Statistical Analysis

## English Language Competency Result

Descriptives


## Students' Attitude Questionnaire Result

| Descriptives |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Group |  |  |  | Statistic | Std. Error |
| Attitude | Experimental | Mean |  | 41.30 | . 792 |
|  |  | 95\% Confidence Interval for | Lower Bound | 39.68 |  |
|  |  | Mean | Upper Bound | 42.92 |  |
|  |  | 5\% Trimmed Mean |  | 41.52 |  |
|  |  | Median |  | 41.50 |  |
|  |  | Variance |  | 18.838 |  |
|  |  | Std. Deviation |  | 4.340 |  |
|  |  | Minimum |  | 30 |  |
|  |  | Maximum |  | 48 |  |
|  |  | Range |  | 18 |  |
|  |  | Interquartile Range |  | 6 |  |
|  |  | Skewness |  | -. 709 | . 427 |
|  |  | Kurtosis |  | . 190 | . 833 |
|  | Control | Mean |  | 39.10 | . 633 |
|  |  | 95\% Confidence Interval for | Lower Bound | 37.81 |  |
|  |  | Mean | Upper Bound | 40.39 |  |
|  |  | 5\% Trimmed Mean |  | 39.24 |  |
|  |  | Median |  | 39.50 |  |
|  |  | Variance |  | 12.024 |  |
|  |  | Std. Deviation |  | 3.468 |  |
|  |  | Minimum |  | 31 |  |
|  |  | Maximum |  | 44 |  |
|  |  | Range |  | 13 |  |
|  |  | Interquartile Range |  | 5 |  |
|  |  | Skewness |  | -. 553 | . 427 |
|  |  | Kurtosis |  | -. 256 | . 833 |

## ATTACHMENT 10. Normality Test

## English Language Competency Result

|  |  | Tests of Normality |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Kolmogorov-Smirnov ${ }^{\text {a }}$ |  |  | Shapiro-Wilk |  |  |
|  |  | Statistic | df | Sig. | Statistic | df | Sig. |
| English | Experimental | . 156 | 30 | . 059 | . 949 | 30 | . 159 |
| Language | Control | . 107 | 30 | . $200{ }^{*}$ | . 973 | 30 | . 610 |
| Competency |  |  |  |  |  |  |  |

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

## Students’ Attitude Questionnaire Result

Tests of Normality

|  |  | Kolmogorov-Smirnov $^{\text {a }}$ |  |  |  | Shapiro-Wilk |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | :---: | :---: |
|  |  | Statistic | df | Sig. | Statistic | df | Sig. |  |  |
| Attitude | Experimental | .106 | 30 | $.200^{*}$ | .943 | 30 | .110 |  |  |
|  | Control | .102 | 30 | $.200^{*}$ | .953 | 30 | .207 |  |  |

*. This is a lower bound of the true significance.
a. Lilliefors Significance Correction

## ATTACHMENT 11. Homogeneity Test

## English Language Competency Result

|  |  | Levene Statistic | df1 | df2 | Sig. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| English | Based on Mean | 1.936 | 1 | 58 | . 169 |
| Language | Based on Median | 1.244 | 1 | 58 | . 269 |
| Competency | Based on Median and with adjusted df | 1.244 | 1 | 49.100 | . 270 |
|  | Based on trimmed mean | 1.801 | 1 | 58 | . 185 |

## Students' Attitude Questionnaire Result

Test of Homogeneity of Variance

|  | Levene Statistic | df1 | df2 | Sig. |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Attitude | 1.240 | 1 | 58 | .270 |  |
|  | Based on Mean | 1.217 | 1 | 58 | .275 |
| Based on Median <br> Based on Median and with <br> adjusted df | 1.217 | 1 | 55.315 | .275 |  |

## ATTACHMENT 12. Hypothesis Testing

## Hypothesis 1

| Group Statistics |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
|  | Group | N | Mean | Std. Deviation | Std. Error Mean |
| English | Experimental | 30 | 80.67 | 9.408 | 1.718 |
| Language <br> Competency | Control | 30 | 73.10 | 6.875 | 1.255 |

Independent Samples Test

|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Sig. (2- | Mean | Std. Error | 95\% Co <br> Interva Diffe | fidence of the ence |
|  |  | F | Sig. | t | df | tailed) | Difference | Difference | Lower | Upper |
| English <br> Language | Equal variances assumed | 1.936 | . 169 | 3.557 | 58 | . 001 | 7.567 | 2.127 | 3.308 | 11.825 |
| Competency | Equal variances not assumed |  |  | 3.557 | 53.101 | . 001 | 7.567 | 2.127 | 3.300 | 11.833 |

## Hypothesis 2

## Group Statistics

| Group |  | N | Mean | Std. Deviation | Std. Error Mean |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Attitude | Experimental | 30 | 41.30 | 4.340 | .792 |
|  | Control | 30 | 39.10 | 3.468 | .633 |



## Hypothesis 3

| Multivariate Tests ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Effect |  | Value | F | Hypothesis $\qquad$ | Error df | Sig. | Partial Eta Squared | Noncent. <br> Parameter | Observed Power ${ }^{\text {c }}$ |
| Intercept | Pillai's Trace | . 994 | $4797.096{ }^{\text {b }}$ | 2.000 | 57.000 | . 000 | . 994 | 9594.192 | 1.000 |
|  | Wilks' Lambda | . 006 | $4797.096{ }^{\text {b }}$ | 2.000 | 57.000 | . 000 | . 994 | 9594.192 | 1.000 |
|  | Hotelling's Trace | 168.319 | $4797.096{ }^{\text {b }}$ | 2.000 | 57.000 | . 000 | . 994 | 9594.192 | 1.000 |
|  | Roy's Largest Root | 168.319 | $4797.096{ }^{\text {b }}$ | 2.000 | 57.000 | . 000 | . 994 | 9594.192 | 1.000 |
| Group | Pillai's Trace | . 206 | $7.404^{\text {b }}$ | 2.000 | 57.000 | . 001 | . 206 | 14.808 | . 929 |
|  | Wilks' Lambda | . 794 | $7.404^{\text {b }}$ | 2.000 | 57.000 | . 001 | . 206 | 14.808 | . 929 |
|  | Hotelling's Trace | . 260 | $7.404^{\text {b }}$ | 2.000 | 57.000 | . 001 | . 206 | 14.808 | . 929 |
|  | Roy's Largest Root | . 260 | $7.404^{\text {b }}$ | 2.000 | 57.000 | . 001 | . 206 | 14.808 | . 929 |

a. Design: Intercept + Class
b. Exact statistic
c. Computed using alpha $=, 05$

