

**THE STUDENTS' ABILITY IN USING TREE DIAGRAMS
AT THE THIRD SEMESTER OF THE 2024/2025 ACADEMIC YEARS
ENGLISH STUDY PROGRAM ISLAMIC UNIVERSITY OF INDRAGIRI**

A THESIS

**Submitted to Fulfil One of the Requirements for the Award of *Sarjana* Degree (S1)
in English Study Program**



Written by:

JENA MARDHIKA

Student Number: 502211010022

**ENGLISH STUDY PROGRAM
TEACHERS TRAINING AND EDUCATION FACULTY
ISLAMIC UNIVERSITY OF INDRAGIRI
TEMBILAHAN**

2025

APPROVAL SHEET

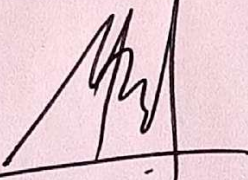
This is to certify that:

JENA MARDHIKA
NIM. 502211010022

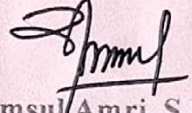
Has been examined by the examination committee of English Study Program of
FKIP UNISI for the award of Sarjana Degree in English Language Education
on Monday, June 23rd, 2025

Approved by

Supervisor I


Melda Yeni, S.Pd., M.Pd
NIDN.1029108801

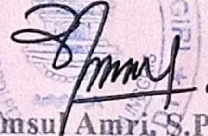
Supervisor II


Samsul Amri, S.Pd., M.Pd
NIDN.1031018501

The Dean of FKIP UNISI


Andriansyah, S.Pd., M.Pd
NIDN.1006078902

The Head of English Study Program


Samsul Amri, S.Pd., M.Pd
NIDN.1031018501

EXAMINERS' APPROVAL SHEET

This is to certify that:

JENA MARDHIKA
NIM. 502211010022

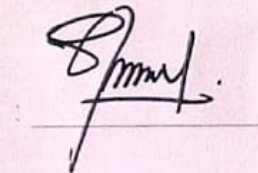
Has been examined by the examination committee of English Study Program of
FKIP UNISI for the award of Sarjana Degree in English Language Education
on Monday, June 23rd, 2025

Examination Committee:

Chairman : Melda Yeni, S.Pd., M.Pd
NIDN.1029108801

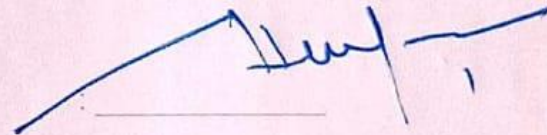


Secretary : Samsul Amri, S.Pd., M.Pd
NIDN.1031018501



Examiners:

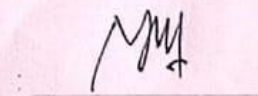
1. Agus Mustajib, S.Pd., M.Pd.B.I
NIDN. 1012118702



2. Syafrizal, S.Pd., M.Pd
NIDN. 1001129001



3. Maizarah, S.Pd., M.Pd
NIDN. 1014059201



DECLARATION

Name : Jena Mardhika
Student Number : 502211010022
Faculty : Teachers Training and Education
Study Program : English Study Program
Title : The Students' Ability in Using Tree Diagrams at The Third
Semester of The 2024/2025 Academic Years English Study
Program Islamic University of Indragiri

I truly confess that this thesis constitute from own work, except some quotations (directly and indirectly), which were adopted or taken from several sources and included in "References." Scientifically. I took for truth fulness of the data presented in this thesis.

Tembilahan, 23th of June 2025

The researcher,



JENA MARDHIKA
NIM. 502211010022



Hak Cipta Dilindungi Undang-Undang

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.
3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

Universitas Islam Indragiri

ACKNOWLEDGEMENT

Bismillahirrahmanirrahim

Alhamdulillah, by expressing my gratitude to the presence of Allah SWT, who has bestowed His grace, so that in the end the researcher can complete the thesis entitled *“The Students' Ability in Using Tree Diagrams at The Third Semester of The 2024/2025 Academic Years English Study Program Islamic University of Indragiri”*. Praise and greetings do not forget for the prophet Muhammad SAW who has brought his followers from the age of ignorance to an age rich in knowledge.

The writing of this thesis was made as one of the requirements for the award of bachelor degree (S1) in English Study Program. The researcher realizes that without the guidance and encouragement of all parties, the writing of this thesis will not run smoothly. Therefore, on this occasion, let the researcher express his gratitude to:

1. Dr. H, Najamuddin, Lc., MA as the Rector of Islamic University of Indragiri.
2. Andriansyah, S.Pd., M.Pd as the Dean of Teachers Training and Education Faculty Islamic University of Indragiri.
3. Samsul Amri, S.Pd., M.Pd as Head of the English Study Program and Supervisor 2 who has provided time, energy and thoughts to direct the researcher in the preparation of this thesis. Thank you for the knowledge that has been given.
4. Melda Yeni, S.Pd., M.Pd as Academic Advisor and thesis supervisor 1 who has helped, fully guided in writing the thesis and directed the researcher from



1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.
3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

Hak Cipta Dilindungi Undang-Undang

Universitas Islam Indragiri

the initial semester to the final semester. Thank you for the knowledge that has been given.

5. All lecturers of the English Study Program, Faculty of Teacher Training and Education, Islamic University of Indragiri, who have provided their knowledge and experience and educated the researcher during the lecture period.
6. All administrative staffs who have been very helpful and spent their time and energy in providing the researcher with information related to administration during lectures.
7. The third semester students of the English Study Program class of 2023, thank you for giving the opportunity and willing to cooperate in taking research data.
8. Classmates in the English study program, class of 2021, thank you for being such wonderful friends and companions. Because of you, researcher feel that college is not as scary as researcher had imagined. May we all become the best versions of ourselves.
9. Especially for my beloved parents, Mr. M. Amin and Mrs. Nurhayati who have raised me to this day. Thank you for always praying for the best and giving support to your youngest child.
10. My brothers, sisters and beloved nephews; Chairul Mubarak, S.Pd., Gr, Aldi Ramanuang, Siti Radiah, S.Pd, Nur'aini Oktaviana, Inayatul Ilmi, Hanana Al Mubarak, and Muhammad Zafran Az Zikri who have provided a lot of



Hak Cipta Dilindungi Undang-Undang

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.

2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.

3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

support, help, prayers and entertainment so that researcher can complete this thesis.

11. Chunda Alicia Anzana, Nisva Okta Selly, and Suci Indah Nurvina as good friends during college. Thank you for making college life feel so fast and full of happiness. All the support and encouragement that has been given will always be remembered by researcher.
12. Muhammad Ridho as husband, best friend, and life companion. Thank you for accompanying until now, who always encourages researcher to complete this thesis, may Allah always take care of us.
13. Finally, to a simple woman who has a high desire even though she entered the world of college late, who wrote this thesis, namely myself, Jena Mardhika. A youngest child who is 25 years old. Thank you for all the struggles, patience, and perseverance that you have gone through in every step of this challenging journey. You are great, you should be proud that you can complete this long journey, even though it is not uncommon for tears and anxiety to come your way, who keeps going even though the road feels heavy. Thank you for being present in the world and for surviving so far through the many obstacles and challenges that the universe provides. Always be happy wherever and whenever you are.

Finally, the researcher can realize that without the blessing and help of Allah SWT, as well as assistance, support, and motivation from all parties this thesis cannot be completed. To all those who have assisted in this writing, researcher say



thank you very much and hopefully Allah SWT will immediately repay your kindness. Aamiin Yarabbal'alam.

Tembilahan, 23th of June 2025

The researcher,

JENA MARDHIKA
NIM. 502211010022



Hak Cipta Dilindungi Undang-Undang

Universitas Islam Indragiri

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang. Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia. Plagiarisme juga dilarang dan dapat dikenakan sanksi.
3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.



ABSTRACT

Jena Mardhika.2025. The Students' Ability in Using Tree Diagrams at The Third Semester of The 2024/2025 Academic Years English Study Program Islamic University of Indragiri

Syntax is a sub-discipline of linguistics that studies the relationship between words in speech, including phrase structure, clause structure, and sentence structure in a language. Tree diagrams are a great method of understanding syntax. The purpose of this study is to ascertain the third semester English Study Program students at Indragiri Islamic University's proficiency in understanding tree diagrams. This kind of study is quantitative and descriptive. Students enrolled in Indragiri Islamic University's English Study Program in their third semester of the 2024–2025 academic year made up the study's population. 21 people made up the study's total population and sample, which was drawn using the total sampling technique. To find out the ability of pupils in studying tree diagrams, the researcher presented a test as an instrument. To ascertain the test outcomes, the researcher employed statistical analysis for data analysis. With an average score of 78.19, the test results demonstrated that third semester students in the English Study Program at Indragiri Islamic University were enough in understanding tree diagrams for the 2024–2025 academic year. The researcher came to the conclusion that there is room for improvement in the third semester English Study Program students at Indragiri Islamic University's proficiency with tree diagrams.

Keyword : Ability, Tree Diagram



ABSTRAK

Jena Mardhika.2025. Kemampuan Mahasiswa dalam Menggunakan Diagram Pohon pada Mahasiswa Semester III Tahun Ajaran 2024/2025 Program Studi Pendidikan Bahasa Inggris Universitas Islam Indragiri

Sintaksis adalah cabang ilmu linguistik yang mempelajari hubungan antara kata-kata dalam ujaran, termasuk struktur frasa, struktur klausa, dan struktur kalimat dalam suatu bahasa. Diagram pohon adalah metode yang bagus untuk memahami sintaksis. Tujuan dari penelitian ini adalah untuk mengetahui kemampuan mahasiswa semester III Program Studi Bahasa Inggris Universitas Islam Indragiri dalam memahami diagram pohon. Jenis penelitian ini adalah kuantitatif dan deskriptif. Mahasiswa yang terdaftar di Program Studi Bahasa Inggris Universitas Islam Indragiri pada semester III tahun ajaran 2024-2025 merupakan populasi penelitian. Sebanyak 21 orang menjadi total populasi dan sampel penelitian, yang diambil dengan menggunakan teknik total sampling. Untuk mengetahui kemampuan siswa dalam mempelajari diagram pohon, peneliti memberikan tes sebagai instrumen. Untuk memastikan hasil tes, peneliti menggunakan analisis statistik untuk analisis data. Dengan nilai rata-rata 78,19, hasil tes menunjukkan bahwa mahasiswa semester III di Program Studi Bahasa Inggris Universitas Islam Indragiri cukup dalam memahami diagram pohon untuk tahun ajaran 2024-2025. Peneliti sampai pada kesimpulan bahwa ada ruang untuk perbaikan dalam kemahiran mahasiswa semester III Program Studi Bahasa Inggris di Universitas Islam Indragiri dalam memahami diagram pohon.

Kata kunci : Kemampuan, Diagram Pohon



LIST OF CONTENTS

DECLARATION	i
ACKNOWLEDGMENT	ii
ABSTRACT	vi
LIST OF CONTENTS	viii
LIST OF TABLES	x
LIST OF APPENDICES	xi

CHAPTER I: INTRODUCTION

A. Background of The Problems	1
B. Identification of The Problems	3
C. Limitation of The Problems	4
D. Research Question	4
E. Purpose of The Research	4
F. Significances of The Research	4
G. Definition of Key Terms	5

CHAPTER II: REVIEW OF RELATED LITERATURE

A. Review of Related Theories	7
1. Syntax	7
a. Definition of Syntax	7
2. Phrase	9
a. Definition of Phrase	9
3. Noun Phrase	10
a. Definition of Noun Phrase	10
b. Types of Noun Phrase	11
4. Tree Diagram	11

Hak Cipta Dilindungi Undang-Undang

Universitas Islam Indragiri

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.
3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.



Hak Cipta Dilindungi Undang-Undang

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.

2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.

3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

CHAPTER III: RESEARCH METHODOLOGY

a.	Definition of Tree Diagram.....	11
b.	The Formula of Tree Diagram.....	12
c.	Indicators of Tree Diagram	16
B.	Review of Related Finding	17
C.	Conceptual Framework	20

A.	Research Design.....	22
B.	Location and Time	22
C.	Population and Sample.....	23
1.	Population.....	23
2.	Sample	23
D.	Research Instrument.....	23
E.	Data Collection Technique.....	25
F.	Data Analysis Technique	25
1.	Percentage of The Students' Ability	25
2.	Mean.....	26
3.	Classification of The Students' Ability	26

CHAPTER IV: DATA PRESENTATION AND RESEARCH FINDINGS

A.	Data Presentation.....	28
B.	Research Findings	32

CHAPTER V: CONCLUSION AND SUGGESTION

A.	Conclusion.....	34
B.	Suggestion	34

REFERENCES	36
------------------	----



Hak Cipta Dilindungi Undang-Undang

1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.

2. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
Plagiarisme juga dilarang dan dapat dikenakan sanksi.

3. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

Universitas Islam Indragiri

LIST OF TABLES

III. 1	Blue Print of Research Instrument	24
III.2	Classification of The Students' Ability	26
VI.1	Recapitulation of The Students' Ability in Using Tree Diagrams	29
VI.2	Percentage of The Students' Ability in Using Tree Diagrams	31
VI.3	Classification of The Students' Ability in Using Tree Diagrams	32



1. Dilarang memperbanyak atau mendistribusikan dokumen ini untuk tujuan komersial tanpa izin tertulis dari penulis atau pihak berwenang.
 2. Penggunaan untuk kepentingan akademik, penelitian, dan pendidikan diperbolehkan dengan mencantumkan sumber.
 3. Penggunaan tanpa izin untuk kepentingan komersial atau pelanggaran hak cipta dapat dikenakan sanksi sesuai dengan UU Hak Cipta di Indonesia.
 4. Plagiarisme juga dilarang dan dapat dikenakan sanksi.
 5. Universitas hanya berhak menyimpan dan mendistribusikan dokumen ini di repositori akademik, tanpa mengalihkan hak cipta penulis, sesuai dengan peraturan yang berlaku di Indonesia.

Hak Cipta Dilindungi Undang-Undang

Universitas Islam Indragiri

LIST OF APPENDICES

1. The Instrument of Test	38
2. Answer Key.....	39
3. The Result of Test.....	45
4. Documentation.....	58
5. Decision Letter for Appointment of Advisory Lecturer.....	61
6. Thesis Guidance Card Conclusion.....	63
7. Research Letter from Campus.....	65
8. Letter has done Research.....	66
9. Researcher History.....	67