## THESIS

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## THESIS

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## APPROVAL SHEET

This is to certify that Sarjana's thesis of Ni'ma Afia entitled The Study of Morphemes Used in National Examination's Reading comprehension Texts has been approved by the thesis advisor for further approval by the Broad Examiners

Malang, June $26^{\text {th }}, 2008$

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## LEGITIMATION SHEET

This is to certify the Sarjana's thesis of Ni'ma afia entitled The Study of Morphemes used in National Examination's Reading Comprehension Texts has been approved by the board of Examiners as the requirement for the degree of Sarjana English Language and Letters Department, Humanities and Culture Faculty.

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## MOTTO

## العلم النافع هو الـعلم الذي يڤربك إلى الله

The beneficial knowledge is the one which enables you to be close to Allan
(Syiroju Thofibin

## DEDICATION



## ACKNOWLEDGEMENT

Praise and gratitude always be to Allah SWT having mercies upon His entire creature, the Lord of universe who has given grace to the researcher, so she can finish her thesis. This thesis is intended to fulfill the requirement for achieving the degree of Sarjana in English Letters and language Department/S1 at the State Islamic University of Malang.

Writing this thesis is not simple because the researcher definitely found her time for this. However, it has given her valuable experience. This study would not have been completed without contributions and supports from all. Thus, the researcher's deepest gratitude is expressed to her advisor Galuh Nur Rohmah, M. Pd. M.Ed for her guidance as her constructive suggestions. She also wants to express her sincere to:

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3. The Dean of Faculty of Humanity and Culture, Dr. H. Dimjati Ahmadin, M. Pd.
4. The head of English Language and Letters Department, Dra. Hj. Syafiyah, MA.
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9. Her beloved friends in English Department and Sabilurrosyad Islamic Boarding House. You all are my inspiration and I love you all. Finally, the researcher truly realizes that this thesis still needs constructive criticism and suggestions from the readers in order to make it perfect and hopefully it can be useful, especially for the English Letters students. The last, the researcher prays to Allah SWT, May this thesis is useful and may Allah bless us. Amin.


#### Abstract

Afia, Ni'ma. 2008. The Study of Morphemes Used in National Examination's Reading Comprehension Texts Thesis, English Language and Letters Department, Faculty of Humanities and Culture, The State Islamic University of Malang. Advisor: Galuh Nur Rohmah, M.Pd. M.Ed Key words: Morphology, bound morphemes, National Examination, Reading text.


National examination is a part of educational process in Indonesia. This activity is aimed for all of the students in elementary school, junior high school and senior high school. The purpose of this activity is to evaluate the result of the educational process.

There are many lessons which are tested in this case including English. English as one of the lessons which is tested consists of listening and reading section. The questions are dominated by the reading text. If we see the reading texts and they consist of affixation, therefore, we may say that they apply the linguistic function of language. Because of the reason above, the writer is interested in making a study on morphological aspect focused on bound morphemes used in National Examination's reading comprehension texts

Based on the explanation above, the problems can be formulated as follows: (1) What kinds of bound morphemes are used in National Examination's reading comprehension texts? (2) How bound morphemes are used in National examination's reading comprehension texts?

Based on the problems above, the objectives can be formulated as follows: (1) to describe the English bound morphemes are used in National Examination's reading comprehension texts (2) to describe how bound morphemes are used in National Examination's reading comprehension texts.

To answer those problems, the writer adopts theoretical perspective about morphology, morphemes and affixes. Methodologically, the writer uses a descriptive qualitative research. The writer is the main instrument. The techniques of data collection were reading, understanding, selecting by classifying the data dealing with the problems and analyzing the data according to the main problems. The data analysis was done by presenting and describing the data referring to the writer's point of view and some references, the last drawing and conclusion.

The result of this study shows that the kinds of morphemes are used in National Examination's reading comprehension texts are: inflectional suffix / -ed, -s (plural), -s (third singular plural), -'s (possessive), -er, -est, -ing and -en/. Derivational prefix /re-, dis-, a-, and in-/ derivational suffix /-ion, -er, or, - ly, ment, -al, -ed, -ful, -ive, -ty, -y, -ist, -ity, -ing, -an, and -ancy/ beside that the writer find both prefix and suffix (circumfixes) such as; /multi- +-al, Multi- + -al, + -ism, inter- + -al/.

Finally, the writer hopes that this thesis will be useful for other writers and this study should be continued by others from other point of views and aspects, with more complete analysis, especially in morphemes.

## TABLE OF CONTENTS

## TITLE PAGE

APPROVAL SHEET ..... i
LEGITIMATION SHEET ..... ii
MOTTO ..... iii
DEDICATION ..... iv
ACKNOWLEDGMENTS ..... v
ABSTRACT ..... vii
TABLE OF CONTENTS ..... viii
CHAPTER I INTRODUCTION
1.1 Background of the Study ..... 1
1.2 Problems of the Research .....  .5
1.3 Objectives of the Research .....  .6
1.4 Scope and Limitation ..... 6
1.5 Significance of the Study .....  6
1.6 Definition of the key Terms. ..... 7
CHAPTER II REVIEW OF THE RELATED LITERATURE
2.1 Linguistics .....  9
2.2 Morphology ..... 11
2.3 Morphemes ..... 11
2.4 Type of Morphemes ..... 12
2.4.1 Free Morphemes ..... 12
2.4.2 Bound Morphemes ..... 13
2.4.2.1 Derivational morpheme ..... 13
2.4.2.2 Inflectional morpheme ..... 18
2.4.3 Affixes ..... 21
2.4.3 Exception and Supletion ..... 24
2.5 Previous Study ..... 25
CHAPTER III RESEARCH METHOD
3.1 Research Design ..... 27
3.2 Data Sources ..... 28
3.3 Research Instrument ..... 28
3.4 Data Collection ..... 28
3.5 Data Analysis. ..... 29
CHAPTER IV FINDING AND DISCUSSION
4.1 Finding ..... 30
4.1.1 Kind of Affixes and the Process ..... 30
4.2 Discussion ..... 77
CHAPTER V CONCLUSIONS AND SUGGESTION
5.1 Conclusions ..... 80
5.2 Suggestions ..... 81
BIBLIOGRAPHY. ..... 82

## CHAPTER I

## INTRODUCTION

This section includes background of the study, research problems, objectives of the study, significance of the study, scope and limitation of the study, and definition of the key terms. Each of the items is discussed clearly as follows.

### 1.1 Background of the Study

Language is a social phenomenon: it is a means of communication between individuals (Boey, 1975: 3). It also brings them into relationship with their environment. Language, therefore, socially learned behavior, a skill that is acquired as we grow up in society. It is a very important means of communication in the social interaction. Through language, human being is able to express ideas, opinions, suggestions, and actions. Language itself has linguistic and literary aspects. Linguistic aspects include morphology, phonology, syntax, semantics, and sociolinguistic. On the other side, poetry, prose, and drama are branches of the literary aspects of language.

Morphology as one of the branches of linguistic aspects gives many contributions to the wide range of linguistic studies. Part of knowing a language is knowing its morphology (Fromkin, 2003: 76). It means that the knowledge of language implies knowledge of its morphology. While Morphology itself is the study of internal structure of word, and the study of the rules by which words are
formed. The study of morphemes and their arrangement in forming word is called Morphology (Nida, 1982:1).

Related with Morphology, words are an important part of linguistic knowledge and constitute a component of our mental grammar (Fromkin, 2003: 69). We can learn many of words in a language. Without words, we would be unable to convey, to express our thought through language. Because every word in every language is sometimes composed of one or more morphemes, so we must understand well about morpheme.

Morpheme is the smallest unit of language that carries meaning or serves the grammatical function (Finnegan, 2004: 579). Morpheme is the smallest meaningful unit (Plag, 2003: 20). For example the word unhappy = not happy, disagree $=$ not agree. Maker=someone who make. It is really important to study because morpheme combine to form words and words combine to form larger units; phrases and sentence.

Morphemes are categorized into two classes: free morphemes and bound morphemes (Matthews, 1986: 59). A free morpheme can stand alone as an independent word such as the word tree, give, happy, very. A bound morpheme cannot stand-alone but must be attached to another morpheme. Both derivational and inflectional morphemes are bound forms and are called affixes. Derivational morphemes which use to derive words are either prefix or suffix. Some common prefix (added to the beginning of a stem) in English are re, dis- , un, Im, in, pre, and act. While common suffix (added to the end of stem) in English are -ly-, ness, $y$, er, ity, ation, full, able, and ment. Nevertheless, in English, the
inflectional morphemes are all suffixes. There are only eight of them in English such as: -s, - ed, - ing, - en, - s-, -'s-, -er-, and -est.

In language use, morphemes are often found in language communication either spoken or written language. We can find the spoken language in our daily conversation, speech, and dialog. While, written language, we can find it in narration text, magazine, newspaper and others reading texts.

In this study, the writer takes the National Examination's reading comprehension text as the object of the research, because UN (National Examination) is a part of the educational process in Indonesia. The education department judges that National Examination is needed to evaluate the result of the education process. This activity aimed for all of the students from each level of education begin from the elementary level, junior high school, and the senior high school. English is one of the lessons, which are tested in the National Examination. There are listening and reading sections on the National Examination's English question. And most of them are dominated with the reading text.

This study is very important to be discussed because to master a language, a knowledge we need to understand the small unit of language. It is called word. Allah SWT teaches our prophet Adam A.s the first time is the name of things (words). He also chooses Adam than angles as the leader in the world because of Adam A.S knew and understood well the name of things. As Allah said in the holly Qur'an S.Q al-Baqaroh: 31;

صَدندِقِن

He taught Adam all the names of everything; then presented them to the angels, and said:" Tell me the names of these if you are so truthful." They said:" Glory be to you: we have no knowledge except whatever you have taught us. You are the Aware, the Wise!" He said:' Adam, tell them their names" (Q.S Al-Baqaroh: 31)

The verse above explains that Allah teaches our prophet Adam A.S the names of everything. Syaikh Abdurrahman says in his book Tafsir As-Sa'di that Allah teaches Adam the name of things and whatever is named with its named. It means that Allah teaches Adam the words and the meaning of the words start from the little one until the big one (2007: 102). And Syaikh Shafiyyurrahman in Tafsir ibnu kasir says that beside Allah teaches the names of things, He also teaches the characteristic and the function of things (2007: 206).

Based on the explanation above, we can say that Allah teaches Adam A.S the first aspect is words. It means that teach him the name of things, the characteristic of the thing and the function of it. Beside it, Adam A.s is taught the name of things to show that Adam A.S deserves to be a leader in the world because he knows the name of things around him.

The other side, this study is necessary to be discussed because to understand the reading text comprehensively, the reader, especially the students have to know the words form and the meaning of each word. However, it is inefficient if we look for the meaning of each word at the dictionary. While, in reading texts we have to meet many words either the difficult word, unfamiliar word or complex word.

Unfamiliar words and also the difficult words mostly become the big problem for the readers of the English text. And the writer also often faced this
problem in reading and comprehending the reading text. Djiwandono (2002:1) says that the big problem that is frequently faced by the readers when they read the English texts and learn English is unfamiliar words and difficult words. therefore, to minimize those problems, by identifying the words of the texts used morpheme theory is expected can help to solve it. From this case, the writer is interested in analyzing the morphemes focusing on bound morphemes used in National Examination's reading comprehension texts.

The previous researchers who have studied about this topic are Muhammad Ihsan (2005), who conducted his study on Morphological Analysis on Banjar language used in South Kalimantan. In his study he analyzed morphology which was focused on the characteristics of morphology terms like affixation, reduplication and compound used in Banjar language in South Kalimantan. And Wedia Destariana (2006) who investigated A Morphological Analysis on Affixation used in a Song of Songs Holly Bible. She focused her study on word formation used in A Song of Song Holly Bille. But, here the writer explains that this study is originally different from the others, because in this study the writer analyzes morphemes focused on bound morphemes used in National Examination's Reading Comprehension Texts.

By conducting this study under the title "The Study of Morphemes Used in National Examination's Reading Comprehension texts", the writer expects that the result of this thesis is useful for the readers and other researchers who are interested in morphemes, especially for the students of UIN Malang in studying and developing their ability and knowledge morphemes.

### 1.2 Research Problems

In this study the writer wants to answer the following problems:

1. What kinds of bound morpheme are used in National Examination's reading comprehension texts?
2. How bound morphemes are used in National Examination's reading comprehension texts?

### 1.3 Objectives of the Study

Based on the problems above, the objectives can be formulated as follows:

1. To describe the English bound morphemes used on National

Examination's reading comprehension texts.
2. To describe how bound morphemes are used on National Examination's reading comprehension texts.

### 1.4 Scope and Limitation

In this study, the writer intends to discuss morphological aspect of the language. Morpheme as the part of morphology has two types. Free morpheme and bound morphemes. As the writer's capability in this knowledge, this study focuses on the bound morpheme (derivational morpheme and inflectional morpheme) used in National Examination's Reading Comprehension Texts of senior high school. Those are taken from the academic year 2004-2007.

### 1.5 Significance of the Study

Based on the writer's opinion, this study is significant to conduct due to the following considerations:

1. This research is aimed at enriching the theoretical framework for linguistic studies. Especially, those, which are related to the topic of, bound morphemes.
2. It expected to be a reference and alternative information for the student at UIN Malang who are interested in learning morphological aspect especially on Bound Morphemes.
3. The result of this study is expected to be able to help the teacher and the students at Senior High School to know morphemes which are used in National examination's reading comprehension text. And it is useful for the teacher as additional materials for the teacher as addition material for teaching as linguistic aspect of language.

### 1.6 Definition at the Key Terms

1. Morphology is the study of morphemes and their arrangements in forming words.
2. A bound morpheme is morphemes which cannot normally stand alone, but which are typically attached to another form. Bound morpheme is categorized becomes two parts; they are inflection and derivation.

Inflectional morpheme is a morpheme that creates variant forms of a word to mark its syntactic function in a sentence. Example: the suffix $-s$ in speaks marks the verb as agreeing with a third-person singular.

Derivational morpheme is a morpheme that serves to derive a word of one class or meaning from a word of another class or meaning. Example: MENT in agreement derives the noun from the verb.
3. UN is National Examination. Requires the students at each level to judge something against a standard national. In this examination the students asked to get good great. The great of the national examination which must be gotten is 5, 25 on an average. And the value of each lesson have to get 4, 25 on an average, include English.
4. Reading text is the text which consists of a message that the author is trying to convey it.

## CHAPTER II

## REVIEW OF RELATED LITERATURE

This chapter discusses the literature that related to this study. They include linguistics, morphology, morpheme, types of morphemes (that involve free morpheme, bound morpheme), and affixation.

### 2.1. Linguistics

Linguistics is the scientific study of language (Boey, 1975: 3). It is the science which attempts to understand language from the point of view of its internal structure. Suerparno in his book Dasar-dasar linguistik umun (2002: 21) says that "linguistic adalah disiplin ilmu yang mempelajari bahasa secara umum". Linguistics also can be defined as the systematic inquiry into human language (Finegan, 2004: 24).

Based on the definition about linguistics above, it can be understood that the purpose of linguistics is to explain and to describe language. And the explanation depends on some dissociation from the immediacy of experience. We also know that linguistics studies about human language and endeavors to describe the language into the point of view of the structure.

Linguistics it self includes two parts they are; macro linguistic and micro linguistic (Soeparno, 2002: 21).
A. Macro linguistic

Djoko Kentjono (1982: 11) says that:
Macrolinguistik adalah bidang linguistic yang mempelajari bahasa dalam hubungannya dengan factor-faktor di luar bahasa; termasuk di dalamnya bidang interdisipliner dan bidang terapan.

Also Soeparno (2003, 22) says that:

Macrolinguistik adalah lingkup linguistic yang mempelajari bahasa dalam kaitannya dengan dunia luar bahasa, yang berhubungan dengan ilmu dan bagaimana penerapannya dalam kehidupan sehari-hari.

From the definition above we can said that macro linguistic is the linguistic part which studies language from outside of language and applied linguistic. It consists of interdisciplinary linguistic and applied linguistic (Soeparno, 2003, 22)

## A. Micro linguistic

Soeparno (2002: 21) says that:
Mikro linguistik adalah lingkup linguistic yang mempelajari bahasa dalam rangka kepentingan ilmu bahasa itu sendiri, tanpa mengaitkan dengan ilmu lain dan tanpa memikirkan bagaimana penerapan ilmu tersebut dalam kehidupan sehari-hari.

Djoko Kentjono $(1982,11)$ says that:
Mikro linguistik adalah bidang linguistic yang mempelajari bahasa dari dalamnya; dengan perkataan lain, mempelajari struktur bahasa itu sendiri.

Based on the definition above we can conclude that micro linguistic is linguistic part which studies language from the inside language _ the structure of its language. While, micro linguistic consists of theory linguistic, historical linguistic, comparative linguistic, and descriptive linguistic.

In this study the writer want to study linguistics that is focused on descriptive linguistic, especially in its morphology side. Sueparno (2003, 24) says that "linguistic descriptive adalah supdisiplin linguistic yang menelaah bahasa berdasarkan kenyataan yang ada pada saat di telaah". He also says that descriptive linguistics is subdivided into four parts. They are phonology, morphology, syntax, and semantic.

### 2.2. Morphology

Morphology is essentially the grammar of words and deals with the forms of words (Frank, 1984:99). Sueparno in his book Dasar-dasar Linguistic Umum (2002: 24) says that "Morphology adalah supdisiplin linguistic yang menelaah bentuk, proses, dan prosede pembentukan kata". (Nida, 1982; 1) Morphology is the study of morphemes and their arrangements in forming words. And (Widdowson, 1996:129) says that morphology is the study of the structure of word; of how morphemes operate in the process of derivation and inflection.

From the definition above we can say that a convenient starting point on morphology is word. It is the study of manner in which word are formed. More precisely, it is concerned with the identification of morphemes, the arrangements that take place in various grammatical contractions.

### 2.3 Morpheme

There are many various definition of morpheme given by the linguists;
Fromkin in an Introduction to language has simple definition about morpheme as the linguistic term for the most elemental unit of grammatical form (2003: 76). Edward Finegan in a Language Its Structure and Use says that the meaningful elements in a word are called morphemes (2004: 47). George Yule in the study of language (An Introduction) defines morpheme as a minimal unit of meaning or grammatical function (1996:63). H.G Widdowson in his book Linguistics says that morpheme is an abstract element of meaning, which may be free in that it takes the form of independent word, or bound in that it is incorporated into a word as a dependent part (1996:129).

To make better understanding about morpheme, the writer identifies the definitions with some example. We say that the word true is morpheme; untrue consists of two morphemes. One minimal unit of meaning is true; another minimal unit of meaning is $u n$ - (meaning 'not'). The word books also contain two morphemes. They are one minimal unit of meaning book and a minimal unit of grammatical function $-s$ (indicating plural).

Based on the explanation of morpheme above, we can say that morpheme is the smallest functioning unit of meaning or grammatical function in the composition of words.

### 2.4 Type of Morphemes

Linguists divide morphemes into two types; they are free morpheme (include lexical and functional) and bound morpheme (include derivational and inflectional). For further explanations, the writer would like to describe it as follows:

### 2.4.1 Free morpheme

Boy in his book An Introduction to Linguistics for the Language Teacher says that free morpheme sometimes called a " stem" or "base" is one which can meaningfully occur alone, e.g. book, pencil, elephant, love, give, happy, very (1975:38). Yule in the Study of Language (An introduction) says that morpheme which can stand by themselves as single words called free morpheme. E.g. open, speak, give, ect (1996: 63)

In addition, she also described free morphemes into two categories. The first category is that set of ordinary nouns, adjectives and verbs are called lexical
morphemes and some examples are: boy, man, house, tiger, sad, long, red, opens, look. The other categories of free morphemes are called functional morphemes. Examples are: and, but, when, because, on, near, above, in, the, that, it. This set consists largely of the functional words in the language such as conjunctions, prepositions, articles and pronoun.

### 2.4.2 Bound morpheme

Bound morpheme is a morpheme that can not stand alone as a word. Examples: -MENT (as in establishment), -ER (painter), and "PLURAL' (Zebras) (Finegan, 2004: 47). Elson in his book Morphology and syntax says that morpheme which never occur alone are called bound morpheme (1987:7). Yule in the Study of Language (An introduction) says that bound morpheme is morphemes which can not normally stand alone, but which are typically attached to another form. E.g. re-, ist, -ed, $-s(1996: 63)$.

Bound morphemes are classified as derivational morpheme and inflectional according to the effect they produce on the base.

## A. Derivational morpheme

Derivational morpheme is a morpheme that serves to derive a word of one class or meaning. Example: suffix /-ment/ derives the noun establishments from the verb establish, and /re-/ in the word repaint alters the meaning of the verb paint $=$ 'to paint again'.

Fromkin (1984: 120) defines that derivational morpheme is a morpheme in English that changes the category, or grammatical class of words. Yule (1987: 61)
says that derivational morphemes are used to make new words in the language and are often used to make words of a different grammatical category from stem.

From the definition above the writer conclude that derivational morpheme is a morpheme that changes part of speech of the word to which it is added. The addition, a list of derivational morpheme includes suffix, prefix.

A suffix is a group of letter at the end of a word which changes the word's meaning and often its part of speech (Elizabeth Walber, 2005: 1562). Here is a list of the most common suffixes, they are;

- -age changes a verb into a noun meaning, 'the action described by the verb or the result of the that action' e.g. marry-marriage
- -al changes a noun into an adjective meaning, relating to culture e.g. culture-cultural, nation-national, and change a verb into a noun meaning ' the action described by the verb, e.g. remove - removal.
- -an makes a noun meaning ' a person who dose something, e.g. politician, historian or makes an adjective meaning ' belonging somewhere' e.g. American
- -ance, -ence, -ancy, -ency makes a noun meaning ' an action, state, or quality', e.g. Performance, independence, preference.
- -ee changes a verb into a noun meaning, e.g. employ-employee, interviewinterviewee.
- -er, -or verb into noun meaning ' the person or thing that does the activity' e.g. dance-dancer, cook-cooker.
- -ful changes noun into an adjective meaning ' having a particular quality' e.g. beauty- beautiful, power-powerful.
- Hood derivatives express concepts such as state (as in adulthood, childhood, motherhood), and collectivity (as in beggarhood, Christianhood).
- -ing makes an adjective meaning ' making some one feel something' e.g. interest- interesting.
- -ation, ion changes the verb into noun meaning ' the result of the action described by the verb or the result of the action' e.g. explain-explanation, educate- education.
- -ist makes noun meaning ' a person who does a particular activity' e.g. novelist, artist.
- -ment changes a verb into a noun meaning ' the action or the process described by the verb, or its result' e.g. develop- development.
- -ness changes an adjective into a noun meaning the quality or condition described by the adjective, e.g. sweet-sweetness, happy-happiness.
- -Ship makes a noun showing involvement between people, e.g. friendship, relationship.
- -ity words belonging to this morphological category are noun denoting qualities, states, or properties, e.g. productivity, curiosity.
- -ism forming abstract noun from other nouns and adjectives ' derivatives belonging to this category denote the related concepts state, condition, attitude, system of belief or theory e.g. Marxism, revisionism (Plag, 2003: 86). :
- -ate in makes the a verb form e.g. passion + -ate $=$ passionate
- -en change an adjective into a verb meaning ' to become or make something become' e.g. strengthen, lengthen, fat - fatten.
- -ify and -ize are polysemous suffixes, which can express a whole range of related concepts such as locative, ornative, e.g. hospitalize, trustify ( Plag, 2003:92).
- -able changes a verb into an adjective meaning ' able to be' e.g. avoidable, likeable.
- -ed makes an adjective meaning, 'having this thing or quality', e.g. colored, surprised.
- -ical changes a noun ending in-y or- ics into an adjective meaning 'relating to' history-historical, politics-political.
- -ing make an adjective meaning ' making someone feels something 'e.g. surprise-surprising, bored- boring
- -ish makes an adjective meaning e.g. a grayish color, a smallish house or typical of or similar to e.g. a childish.
- -less changes a noun into an adjective meaning ' without' e.g. $a$ meaningless statement, a hopeless situation.
-     - ly changes a noun into an adjective meaning like that person or thing, e.g. mother-motherly, father-fatherly, changes an adjective into an adverb describing the way that something is done, e.g. slow- slowly, and makes adjective and adverb meaning 'happening every day, night, week' e.g. daily newspaper.
- -ous changes a noun into an adjective meaning ' having that quality' ambition-ambitious. (Plag, 2003: 94).
- -Wise changes a noun into an adverb meaning ' relating to this subject' e.g. weather- wise, how are we doing the time wise?
-     - ive changes a verb into an adjective meaning ' having particular quality or effect' attract - attractive, create - creative.
-     - Ology makes a noun meaning' the study of something' e.g. sociology (the study of society), psychology (the study of the mind).

On the other hand of suffixes is a prefix. Prefix is a group of letter at the beginning of word which changes the word's meaning (Elizabeth, 2005: 1562). The prefix of English can be classified semantically into the following groups they are;

## 1. There is a large group that quantify over their base word' meaning,

For example;' One' (uni-, unilateral, uniform), 'twice' or 'two' (bi-, bilateral, bilingual), 'many' (multi-, multi-lateral), 'half' (semi-, semi-conscious, semi-desert), 'all' (omni-, omnipresent), 'small' (micro-, microwave), 'large' (macro-, macro- economics), 'to excess' (hyper-, hyperactive, hypermarket and over-, overestimate), 'not sufficiently' (under-, underpay) (Plag, 2003: 98).

## 2. There are numerous locative prefixes,

Such as; Circum-'around' (circumnavigate), counter-'against' (counterbalance), inter' between' (interbreed), intra-'inside'(intravenous) (Plag, 2003: 98).

## 3. There are temporal prefixes expressing nations

Like' before'(ante-, pre-, and fore-) as in antedate, predetermine, and foresee, 'after' (post-, postmodern, post modify), 'new' (neo-, neoclassical, neolatin) (Plag, 2003: 98).

## 4. A fourth group consists of prefixes expressing negation

They are; a- 'without' (asexual-without sex), anti-, 'opposed to or against'(anti-war, anti-capitalistic), dis-'not' (dishonest), in-, il-, im-, ir-, 'not incorrect' (illegal, impossible, irregular), mis-'not or badly' (mispronounce, misreport), un-' not' (unhappy) (Plag, 2003: 99)

## B. Inflectional morpheme

(Yule, 1996:64) says that the second set of bound morphemes contains what are called inflectional morphemes. These are not used to produce new words in English language, but rather to indicate aspects of grammatical function of a word. Inflectional morphemes are used to show if a word is plural or singular, if it is past tense or not, and if it is a comparative or possessive form.
(Fromkin, 2003:100) says that inflectional morphemes never change the syntactic category of words or morphemes to which they are attached. From the definition above we can say that inflectional morpheme never change the part of speech of the word to which they are attached.

At the present stage of English history, they are a total of eight bound inflectional suffixes, they are;

| English Inflectional morpheme |  |
| :--- | :--- |
| -s | third-person singular present |
| -ed | past tense |
| -ing | progressive |
| -en | past participle |

## English Inflectional morpheme

-s third-person singular present
-ed
-ing
-en past participle

## examples

She wait-s at home.
She wait-ed at home.
She is eat-ing the apple.
Mary has eat-en the donuts.

| -s | plural | He ate the apple-s |
| :--- | :--- | :--- |
| -'s | possessive | Disa's hair is short. |
| -er | comparative | Disa has short-er hair than Lely. |
| -est | superlative | Disa has the short-est hair. |
|  | In English, all the inflectional morpheme4s are suffixes |  |
| Noun $+-s, s$ |  |  |
| Verb $+-s,-$ ing, -ed, -en. |  |  |
| Adjective + -est, -er |  |  |

There is some variation in the form of these inflectional morphemes. For example, the possessive sometimes appears as $-s^{\prime}$ (those boys' bags) and the past participle as -ed (they have finished) (Yule, 1996: 65).

To simplify the different between derivational and inflectional morpheme, the following table also illustrate those different with the characteristics bellow:

| Inflectional morphemes | Derivational morpheme |
| :---: | :---: |
| 1. Does not change the meaning or part of speech, e.g. big and bigger are adjective. <br> 2. It typically indicates syntactic or semantic relations between different words in sentence, e.g. the present tense form $-s$ as in | 1. Change the meaning or part of speech, e.g. verb form judge into noun form judgment <br> 2. It typically indicates semantic relation within the word, e.g. the morpheme $-f u l$ has no particular connection with any other morpheme beyond the word painful. |


| waits. | 3. It typically occurs with only |
| :---: | :---: |
| 3. It typically occur which all | some members of a class of |
| member of some large class | morpheme, e.g. the suffix -hood |
| of morphemes, e.g. the plural | occurs with just a few nouns such |
| morpheme $-s$ as in bags | as motherhood. Fatherhood. But |
|  | not with most others, e.g. friend, |
| 4. It typically occurs at the | daughter. |
| margin of words, e.g. the | 4. It typically occurs before |
| plural morpheme $-s$ always | inflectional suffixes, e.g. in |
| come last in ward, as in baby | chillier, the derivational suffix -y |
| sisters. | come before the inflectional -er. |

While to know and understand those different categories, (Yule, 1996:66) described about inflectional and derivational morphemes as follow chart.


Both derivational and inflectional affixes may be used to define word classes (part of speech). For example, bases that can combine with er and est (to express comparison) or with ness are adjectives, e.g. tall, kind, happy, and smooth; and bases that can occur with "past tense" affixes are verbs, e.g. walk, jump, cook and dance. English derivational affixes may be either prefixes (dislike, behead, unknown) or suffixes (judgment, sweetly, creator). English inflectional affixes, on the other hand, tend to be suffixes, e.g. Tom's, walked, glasses, talking.

Bound morphemes may be classified as affixes, which are subdivided in to prefixes, suffixes, and infixes, according to the way they combined with the base and stem (Boey, 1975:38).

### 2.4.3 Affixes

Affixes that are, prefixes, suffixes, infixes, and circumfixes are bound morpheme. Prefixes occur before, suffixes after, infixes in the middle of, and circumfixes around steam and roots. (fromkin, 2003, 107).

Affixes are the addition of bound forms to stems (Nida, 1982: 2)
Affixes are bound morpheme that occurs attached to root or stem morpheme. Less common in the word's language are infixes (inserted within the root or stem) and circumfixes (a part of which is attached at each end of the root or stem).

From the definition above we can say that affixes are the addition of bound forms to stems that occur before, within, after or each of the root and stem. There are four kinds, suffixes, prefixes, and infixes and circumfixes.

## A. Suffixes

Suffix is an affix which is attached to the end of words, e.g. cooker, likeness (Widdowson, 1996:131). Suffixes are the other forms added to the end of the word (Yule, 1981: 91). Suffixes occur after other morphemes (Fromkin, 2003: 78)

From the definitions above the writer concludes that suffixes are affix forms that occur after a word. For example; kind (ness), angri(ly), judge (ment), teach(er)

## B. Prefixes

Prefixes are an affix which attached to the beginning of a word, e.g. untie (Widdowson, 1996:129). Prefixes occur before other morphemes (Fromkin, 2003: 78). Prefixes occur before the base (Boey, 1975:38).

From the definitions above, the writer conclude that prefixes are affix forms that occur before a word. For example; (un)tidy, (pre)school, (dis)like.

## C. Infixes

Infixes occur in the middle of base. English has no infixes (Boey, 1975: 38). Infixes are a morpheme inserted within another morpheme (Finegan, 2004: 50). Infixes are morphemes that are inserted into other morphemes.

Based on the definition above we can conclude that infixes are the morpheme which is in the middle of the stem.

Some language has infix but not in English. Tagalong (spoken in Philippines) has infixing. For example, the word gulay meaning 'greenish
vegetable' can take the infix -in-, creating the word ginulay. Meaning 'greenish blue'.

A bontoc, spoken in philippines, is such a language as illustrated by the following:

## Noun/Adjectives

$\begin{array}{lll}\text { Fikas "strong" } & \text { fumikas } & \text { "to be strong" } \\ \text { Kilad "red" } & \text { kumilat } & \text { "to be red" } \\ \text { Fusul "enemy" } & \text { fumusul } & \text { "to be enemy" }\end{array}$
In this language, the infix -um- is inserted after the first consonant of the noun or adjective. The most common infix in American is the word fuckin and all the euphemisms for it, such as friggin, freakin, flippin, and fuggir as in in-fuggin-ceadible, un-fuckin-believeable, or kalama-flippinzoo, based on the city in Michingan. While the common infix in British is bloody, an obsceneterm in British English, and in its euphemisms, such as bloomin. In the movie and stage musical my fair lady, abso+bloomin + lutely occurs in one of the songs sung by Eliza Doolittle.

But In English, infixes are commonly replacement, not additions. They occur in few noun plurals. Like the -ee- in geese, replace the -oo- of goose, and more often in the past tense and past participles of verbs, like the $-o$ - of chose and chosen replacing the -oo- of choosen.

## D. Circumfixes

Some language combine a prefix and suffix into a circumfix; a morpheme that occurs in two part, one on each side of stem (Fenegan,

2004, 50). Circumfixes is morphemes that are attached to another morpheme both initially and finally for example; un + believ (e) + - able $=$ unbelievable, inter + nation $+-a l=$ national. These are sometimes called diccontinuose morpheme (Fromkin, 2003:80).

An example of a more familiar circumfixing language is German. The past participle of regular verbs is formed by adding the prefix $g e$ - and the suffix- $t$ to the verb root. This circumfix added to the verb root lieb "love" produces geliebt, "loved" (or "beloved," when used as an adjective).

Inflectional morphemes in English typically follow derivational morphemes, for example; the derivational ( $-e r$ ) is attached the word teach, then the inflectional $(-s)$ is added to produce teachers.

### 2.4.4 Exception and Suppletions

There are no regular rules to determine the plural forms of exceptional nouns like child/ children, man/ men. Sheep/ sheep, criterion/ criteria; so also there no regular rules to specify the past tense of the verbs like sing/ sang or bring/ brought.

The irregular forms, then, must be listed separately in our mental dictionaries, as suppletive forms. When a new word enters the language it is the regular inflectional rules that apply. The plural of bic is bics.

The past tense of the verb hit, as in the sentence yesterday john hit the roof, and the plural of the noun sheep, as in the sheep are in the meadow, show that some morphemes seem to have no morphological shape at all. We know that hit in the above sentence is hit + past because of the time adverb yesterday, and we know that sheep is the phonetic form of sheep + plural because of plural verb
are. The grammarians suggested that some morphemes have a zero -form; they have no phonological representation. In our view, however, because we would like to hold to the definition of morpheme as a constant sound-meaning form, we will suggest that the morpheme hit is marked as both present and past in the dictionary, and the morpheme sheep is marked as both singular and plural.

### 2.4.4 Previous Study

Actually the previous researchers have already conducted the study in the same field, such as Widya Desrtiana (2006) the student of College of foreign language (STIBA) Malang who conducts her study on analyzing affixation used in Song of Songs Holly Biblle. In her analysis of Song of Song Holly Biblle, she found that the words formation of Song of Song Bible used three kinds of affixation they are prefixes, suffixes, but there are no infixes. Those affixes are; prefix re- and en-, suffix -s, -es, -ness, ing, -less, -ly, -ed, -est, -ful, -en, -r, -ence, ance, -ment, besides that there are both prefix and suffix are used they are up-+ed, and out-+-ing, un-+ -ing. She also explains the kind of affixations; there derivational and inflectional affixes. There are many inflectional suffixes used in these poems. It is caused by the characteristics of inflection which come last in the word and go with any stem of given part of speech. On the other hand she found derivational prefixes, derivational suffixes, and mix of prefixes and suffixes.

Muhammad Ihsan (2005) the student of the State Islamic University of Malang (UIN) investigated a morphological analysis on Banjar Language used in South Kalimantan. In this study she identified the characteristics of those morphology terms and the morphological process of them. The morphological
terms like affixation, reduplication, and compound in Banjar language. Thoes terms make a new derivational or inflectional word. In this research, he also describes morphological process namely combining those morphological terms mentioned with the part of speech in order to form a new word and new meaning.

## BAB III

## RESEARCH METHOD

This chapter presents research design, subjects of the study, source of the data, research instrument, data collection, and data analysis.

### 3.1 Research Design

There are two kinds of research approaches, namely qualitative and quantitative (Rahardjo, 2001: 13). There are two characteristics of descriptive qualitative research; firstly, the study called qualitative because it has natural setting, human as an instrument, the research data is analyzed inductively (finding and collecting the data, identifying the data, classifying the data, describing the data, and drawing the general conclusion), and more focused on the process than result. Secondly, it is called descriptive because it describes the data descriptively (Moleong, 2005: 4). In this case the writer collected, identified, classified, described the data of bound morphemes which commonly used in National examination' reading comprehension text.

In this study, the writer considered to take descriptive qualitative method because the study focused on the description and explanation of the phenomenon being studied. This study describes morphological term concerning bound morpheme which contain of inflectional and derivational morphemes that usually can be found in National examination's reading comprehension text. And this study tends to be qualitative because the data mostly use of words rather than number or not statistically analyzed.

### 3.2 Data Sources

The data source in this research is the reading comprehension text taken from National examination's question at senior high school started from the academic year 2004/2005-2006/2007. And the data of this research are the words which contained of affixes.

### 3.3 Research Instrument

Research instrument is very important to obtain the result of the study. It is a set of methods, which is used to collect the data. The key or main instrument of this study is the writer herself. She spends a great deal of her time to read and try to understand the reading text. She also tried to analyze the morphemes used on the reading text. The writer is as the key instrument because she has ability and capability to collect the data and analyze them. As Susan Stainback (1988: 15) said that "the researcher is often the primary instrument employed to gather the data".

### 3.4 Data Collection

To collect the data of this study, textual observation is used, while the subject of this study is National Examination question focused only on reading comprehension text. The data are collected by these following steps: first, collecting National examination questions published at academic year 2004/20052006/2007. Second, reading carefully and understanding deeply the National Examination's reading comprehension text to comprehend the text and the idea. Third, selecting the data that refers to the problems of the study by classifying the words that match to the problems of the study.

### 3.5 Data analysis

Having found the data of National examination's reading comprehension texts, the writer started analyzing the data by using the theory of bound morphemes, as presented in chapter II. In analyzing them, she used some steps, they are; identifying the words on National Examination' reading comprehension texts, classifying the words on National Examination' reading comprehension texts based on the bound morphemes theory, describing the process of bound morphemes used in National Examination' reading comprehension texts , drawing conclusion based on the results of the analysis.

## CHAPTER IV

## RESEARCH FINDING AND DISCUSSION

This chapter presents the data presentation which consists of the data about the kinds of affixes and the process of affixes used in reading comprehension text. After the data had been presented, the general discussion of the data obtained will be presented in the last part of this chapter.

### 4.1 Finding

In this finding part, the writer presented the kinds of affixes and the process of affixes used in National Examination's reading comprehension text, the further presentation as follows.

### 4.1.1 Kind of Affixes and the Process of Affixation

## Text 1

"Multicultural education of Indonesia in Surabaya" is proud to present Ms. Jane batubara, a well-known educator and researcher in multiculturalism. She was appointed principal of jasmine international school in 1999, and since then she has conducted many studies on multiculturalism in formal education. Ms. Batubara will be in Surabaya on $1^{\text {st }}$ and $2^{\text {nd }}$ of August 2005 to talk on "Multicultural education for the Youth."

During the talk, the participants will be provided with information on how to:
A. obtain a wholly approach to multicultural education
B. teach the youth to appreciate differences

Registration for the talk is free
Please call Rina at (031) 715632 for seat reservation.

In text three we can see the kind of affixes as follows;

## Inflectional

(a) She was appointed principal of jasmine international school in 1999.
(b) She has conducted many studies on multiculturalism in formal education.
(c) The participants will be provided with information
(d) She has conducted many studies on multiculturalism in formal education.
(e) The participants will be provided with information.
(f) Teach the youth to appreciate differences

From these sentences, we can see that suffix -ed in appointed, conducted, provided are indicated as past participle, the suffix -ed which attached to those word do not change the meaning and the grammatical category, While, the suffix $-s$, -es that attached to singular noun indicates plural as in studies, participants, differences.

## Derivational

(a) "Multicultural education of Indonesia in Surabaya" is proud to present Ms. Jane batubara, a well-known educator and researcher in multiculturalism.
b) The participants will be provided with information
(c) Registration for the talk is free.
(d) Please call Rina at (031) 715632 for seat reservation.

In these sentences, we find suffix -ion. It changes a verb into a noun meaning as the result of action as ion in education, information, registration, reservation. (a, b, c, d).
(f) "Multicultural education of Indonesia in Surabaya" is proud to present Ms. Jane batubara, a well-known educator and researcher in multiculturalism.
(g) Multicultural education of Indonesia in Surabaya" is proud to present Ms. Jane batubara, a well-known educator and researcher in multiculturalism.

In these sentences ( $\mathrm{f}, \mathrm{g}$ ) we find suffix $-e r$, -or. They change a verb into a noun indicating the person who does activity. The orthographic variant -or occurs mainly with Latinate bases ending in $/ \mathrm{s} /$ or $/ \mathrm{t} /$ such as; educator, researcher.
(h) Teach the youth to appreciate differences

The word differences in this sentence contains the suffix -ence, it makes a noun meaning as 'quality'. Inflectional morpheme in English typically follows derivational morphemes as the word differences is added the suffix $-s$ indicating plural.
(i) Obtain a wholly approach to multicultural education.

The word wholly (adv) is derived of the word whole (adj). The suffix -ly in wholly here change an adjective into an adverb meaning, it is describing the way that something is done.

In ( $\mathrm{a}, \mathrm{b}$, and i ) sentences we find the words multicultural, multiculturalism, and international. These words contains of more than one affixes, it is inserted before and after the stem (circumfixes) as follows;

First is the word international. This word is derived from the word nation. It contains of more than one morpheme they are suffix -al creates an adjective by attaching to nation ( $n$ ) become national( $a d j$ ) and the prefix inter- has the meaning 'between or among ' combine with the derived adjective formed adjective meaning as "international" means 'between nation'.

Second, the word Multicultural derives from the word culture. It contains of more than one morpheme they are suffix -al creates an adjective by attaching to culture become cultural and the prefix multi- has the meaning 'many' combine with the derived adjective formed adjective meaning "multicultural" mean 'many culture'.

Third is the word multiculturalism. This word contains of prefix and two suffixes, they are:

Prefix Stem prefix prefix
Multi- + culture + -al + -ism
The suffix ism combined to the other noun and adjective indicating
'concept' such as multiculturalism mean 'the concept of culture'

## Text 2

Once upon a time there lived a little girl named snow white. She lived with her aunt and uncle because her parent had died.

One day she heard her uncle and aunt talking about leaving Snow white in the castle because they both wanted to go to America and they didn't have money to take Snow white with them.

Snow white didn't want her uncle and her aunt to do this so she decided to run away. The next day she ran away from home when her aunt and uncle were having breakfast. She ran away into the woods. She was very tired and hungry. Then she saw a little cottage. She knocked but no one answered. So, she went inside and fell asleep.

Meanwhile the seven dwarfs were coming home from work. They went inside. There they found Snow White sleeping. Then Snow White woke up. She saw the dwarfs. Doc, one of the dwarfs asked:" What is your name?" Snow White answered, "My name is Snow White."
The dwarfs said, "If you wish, you may live here with us." Snow White said, "Oh, could I? Thank you. "Then snow white told the dwarfs the whole story about her. Snow White and the seven dwarfs lived happily ever after.

In text two here, we find kind of affixes, they are;

## Inflectional

(a) Once upon a time there lived a little girl named snow white.
(b) They both wanted to go to America
(c) She decided to run away.
(d) She knocked but no one answered.
(e) One of the dwarfs asked
(f) One day she heard her uncle
(g) The next day she ran away from home
(h) She saw the dwarfs
(j) She went inside and fell asleep
(i) There they found Snow White sleeping
(j) Then Snow White woke up
(k) Then snow white told the dwarfs
(1) The dwarfs said
(m) Her parent had died

From some sentences above, we see there are two kinds of past verb form.
In regular form, the suffix -ed combines with the verb in the present tense indicate past meaning as in lived, named, wanted, decided, knocked, answered, and asked. While, for irregular forms are exceptional forms. There are no rules of them but they must be listed separately in our mental dictionaries as suppletive form. For example; hear + past $=$ heard, $r u n+$ past $=$ run, $s e e+$ past $=s a w$, go + past $=$
went, feel + past $=$ fell, find + past $=$ found, wake + past woke, tell + past $=$ told, and say + past $=$ said. To know that the verb is past tense we can detect it from the time signal which is used.
(a) One day she heard her uncle and aunt talking about leaving Snow white
(b) Her aunt and uncle were having breakfast.
(c) The seven dwarfs were coming home from work.
(d) There they found Snow White sleeping.

From these examples, we can see that the suffix -ing is attached to verb.
This inflectional is indicating 'the progressive meaning'.
(a) She ran away into the woods.
(b) Snow White and the seven dwarfs lived happily ever after.

The words wood and $d w a r f$ above are followed by suffix $-s$ which shows the plural meaning. The suffix $-s$ as the mark of plural meaning always combined in the noun form as in wood $+-s$, and dwarf +- s mean 'many wood, many dwarfs'.
(a) Her parent had died.

In this sentence, the suffix -ed in the word died is not past form but it indicates 'participle' form. And it is included the variant of inflectional morpheme.

## Derivational

(a) Snow White and the seven dwarfs lived happily ever after.

The word happily (adv) is derived of the word happy (adj). The suffix -ly in happily here changes an adjective into an adverb meaning, it is describing the way that something is done.
(a) She was very tired and hungry

The suffix -ed in the word tired makes adjective meaning from the verb form tire $(v)+-e d=$ tired (adj) mean 'having this thing or quality',

## Text 3

Before the fall of the Berlin wall, East Berlin was like the rest of East Germany- drab and depressed. Today it is a different story. There are over 40 major construction projects underway and investments in new construction are expected to exceed $\$ 20$ billion. There are over 40 major construction projects underway and investments in new construction are expected to exceed $\$ 20$ billion. Part of this boom can be attributed to the fact that the national government of Germany will move to Berlin. The city will once again be Germany's leading city and a gateway to the expanding markets in Poland, Czech Republic, and other countries east the German border.

This text contains of affixes as follows;

## Inflectional

(a) Investments in new construction are expected.
(b) Part of this boom can be attributed to the fact.

Both expected and attributed in these sentences are as participle. But it included in variation form of inflectional morpheme because that required by the syntactic rules of the language to signal 'tense'
(a) There are over 40 major construction projects underway and investments in new contraction are expected to exceed $\$ 20$ billion.
(b) The city will once again be Germany's leading city and a gateway to the expanding markets in Poland.
(c) The city will once again be Germany's leading city and a gateway to the expanding markets in Poland, Czech Republic, and other countries east the German border.
(d) The city will once again be Germany's leading city

From the sentences above, we find that there are two kinds of suffix $-s$ in the end of the words. First, like in a, b, c, and the suffix $-s$ here has function as the sign of plural formation because it follows noun form. While the next -'s has function as possessive form as the word Germany's leading has the same mean of leading of Germany.

## Derivational

(a) The city will once again be Germany's leading city and a gateway to the expanding markets in Poland.

The suffix -ing primarily forms present participle, but it can also be used as adjective in attribute position, and as noun. The suffix -ing in the word leading, and expanding indicates adjective meaning. Those derive from the word lead (v) + - ing = leading (adj), expand (v) + - ing = expanding (adj).
(b) There are over 40 major construction projects underway and investments in new construction are expected to exceed $\$ 20$ billion.

In these sentences, we find suffix -ion. It changes a verb into a noun meaning as 'the result of action construct' as in construct $(v)+-$ ion $=$ construction (n).
(a) There are over 40 major construction projects underway and investments in new construction are expected to exceed $\$ 20$ billion
(b) Part of this boom can be attributed to the fact that the national government of Germany will move to Berlin.
In this example we find the suffix -ment. This suffix changes a verb into a noun meaning denoting process or result from verb. For example the word govern (v) + -ment $=$ government, invest $(v)+-$ ment $=$ investment $(n)$ mean 'the result of govern', 'the result of invest'. Therefore, the suffix -s which combines in the derived word investments indicates plural meaning.
(a) Part of this boom can be attributed to the fact that the national government of Germany will move to Berlin.

The suffix -al in the word national forms adjective meaning from noun, for example; the word nation (v) + -al becomes national(adj) means the whole of nation
(a) As in; before the fall of the Berlin wall, East Berlin was like the rest of East Germany- drab and depressed.

The suffix -ed in the word depressed derives adjective meaning 'having this thing or quality'. The majority of derives are based on compound or phrase as in; Germany- depressed.

## Text 4

## The Good Stepmother

The old witch locked Hansel in cage and set Gretel to clean the house. She planned to eat them both. Each night the children cried and begged the witch to let them go.

Meanwhile, at home, their stepmother was beginning to wish she had never tried to get rid of the children. 'I must find them, ' she said and set off into the forest.

Many hours later, when her feet were tired from walking and her lips were dry from thirst, she came to the cottage belonging to witch. The stepmother peeped through the window. Her heart cried out when she saw the two children. She picked up the broom leaning against the door and crept inside. The witch was putting some stew in the oven when the stepmother gave her an almighty push. The witch fell into the oven and the stepmother shut the door.
'Children, I have come to save you,' she said, hugging them tightly. I have done a dreadful thing. I hope in time you will forgive me. Let me take you home and become a family again. They returned to their home and the stepmother became the best mother anyone could wish to have, and of course they lived happily ever after!

This text contains kind of affixes as follows;

## Inflectional

(a) The old witch locked Hansel in cage.
(b) She planned to eat them both.
(c) Each night the children cried and begged the witch to let them go.
(d) The stepmother peeped through the window.
(e) They returned to their home
(f) They lived happily ever after
(g) She picked up the broom leaning against the door and crept inside
(h) Her heart cried out when she saw the two children
(i) The old witch locked Hansel in cage and set Gretel to clean the house
(j) She came to the cottage belonging to witch.
(k) The stepmother gave her an almighty push

From some sentences above, we can see that there are two kinds of past verb form. In regular form, the suffix -ed combines with the verb in the present tense indicate past meaning as in locked, planned, cried, begged, peeped, returned, lived, picked. While, for irregular forms are exceptional forms. There are no rules of them but they must be listed separately in our mental dictionaries as suppletive form. For example; creep + past $=$ crept, see + past $=$ saw, sit + past $=$ sat, come + past $=$ came, give + past $=$ gave. To know that the verb is past tense we can detect it from the time signal used,
(a) Their stepmother was beginning to wish she had never tried to get rid of the children.
(b) The witch was putting some stew in the oven when the stepmother gave her an almighty push.
(c) When her feet were tired from walking

From these examples, we can see that the suffix -ing is attached to verb. This inflectional is indicating 'the progressive meaning'.
(a) Many hours later,
(b) Her lips were dry from thirst,
(c) Her heart cried out when she saw the two children.
(d) When her feet were tired from walking

The suffix $-s$ in the word hours, lips indicates plural meaning because the suffix $-s$ is combined with noun. For the word children and feet are exception to plural formation. There are no regular rules to determine it. We can know that the word children is plural because of the word two and feet because of the plural verb form were.

## Derivational

(a) Snow White and the seven dwarfs lived happily ever after.
(b) 'She said, hugging them tightly.

The word happily (adv) is derived of the word happy (adj). The suffix -ly in happily here changes an adjective into an adverb meaning, it describes the way that something is done, and the word tightly is too.
(a) I have done a dreadful thing.

The other suffix we can find is the suffix -ful. It changes a noun into adjective meaning. The general meaning 'having particular quality' and is typically attached to abstract noun. As in; $\operatorname{dread}(n)+-f u l=\operatorname{dreadful}($ adj $)=$ very bad.
(a) Her feet were tired from walking.

The suffix -ed in the word tired is not suffix as past or participle function, but its function makes adjective meaning 'having this thing or quality'.

## Text 5

Sumatra elephant's habitat is Sumatra, Indonesia. The average male elephant reaches eight feet high and weighs up to six tons. A baby elephant can weigh up to one ton. The males are always larger than the females. They are massive creatures.

An elephant has a trunk, two tusks, two eyes, two ears and two lumps on its head. It is known to be a clever animal. When an elephant is hot, it fans itself by flapping their ears back and forth. When an elephant herd wants to move, they use their ears as a guide. Their hearing range is very large. Elephants hear some noises that can not be heard by the human ear.

Sumatra elephants have enough strength to knock down a tree. They can also pick up a log using their trunk and their tusks. Their trunk is their nose. They also use it like a hand. Just bellow their trunk, they have their tusks. Only male Sumatra elephants have tusks. A baby elephant is called a calf; the females are called cows.

This text contains of affixes as follow;

## Inflectional

(a) The average male elephant reaches eight feet high and weighs up to six tons.
(b) The males are always larger than the females
(c) They are massive creatures
(d) An elephant has a trunk, two tusks, two eyes, two ears and two lumps on its head.
(e) Elephants hear some noises that can not be heard by the human ear.
(f) The females are called cows
(g) The average male elephant reaches eight feet high

From the examples above we find the words that indicate the plural meaning, such as; tons, males, females, tusks, eyes, ears, lump, noises, and cows. The suffix $-s$ which is combined in the end of the words becomes a sign of plural. Except the word feet, it is impossible if the suffix -s combine to the word feet to get plural meaning because feet are the exception to plural formation form foot.
(a) The average male elephant reaches eight feet high and weighs up to six tons
(b) When an elephant herd wants to move,
(c) It fans it self by flapping their ears back and forth.

The $-s$ at the end of the verb above is an agreement maker, it signifies that the subject of the verb is 'third person singular', and the verb is in the present tense.
(a) Sumatra elephant's habitat is Sumatra, Indonesia.

The next -'s in this sentence has function as possessive form as the word elephant's habitat has the same mean of the habitat of elephant.
(a) The females are called cows.
(b) It is known to be a clever animal

Both called and known are 'participle'. We can know that they indicate participle because of the suffix -ed that combine in the word call, while, the word known in that sentence is also participle. It is derived from the word know and it is the exception to the participle formation.
(a) The males are always larger than the females

The -er at the end of larger indicates comparative degree the process is the suffix $-e r$ attached to adjective, as large + -er $=$ larger

## Text 6

## Rain

Rain always comes from clouds. But where do clouds come from? How does all the water get into the sky?

Think about your bathroom. There is hot water in your bath. Steam goes up from the hot water. The steam makes small clouds in the bathroom. These warm clouds meet the cold walls and windows. Then we see small drops of water on the walls and windows.

The world is like your bathroom. The water in the oceans is warm when the sun shines on it. Some of this water goes up into the sky and makes clouds. The wind carries the clouds for hundreds of kilometers. The clouds meet the cold air in the sky. Then we'll see drops of water after the condensation of clouds to water. The drops of water are rain.

The rain falls and runs into rivers. Rivers run into oceans. And the water from the oceans changes into clouds and becomes rain. So water is always moving from oceans to clouds to rain to rivers to oceans.

In this text contains of kind of affixes as follow;

## Inflectional

(a) Rain always comes from clouds
(b) Steam goes up from the hot water.
(c) The steam makes small clouds in the bathroom
(d) The sun shines on it
(e) The wind carries the clouds for hundreds of kilometers
(f) The rain falls and runs into rivers
(g) The water from the oceans changes into clouds and becomes rain.

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and the verb is in the present tense.
(a) Rain always comes from clouds
(b) These warm clouds meet the cold walls and windows.
(c) The water in the oceans is warm
(d) The wind carries the clouds for hundreds of kilometers Falls
(e) The rain falls and runs into rivers

The words cloud, wall, window, oceans, hundreds, kilometers, rivers
above are followed by suffix $-s$ which show the plural meaning. The suffix $-s$ as the mark of plural meaning always combined in the noun form.
(a) Water is always moving from oceans to clouds to rain to rivers to oceans.

From this example, we can see that the suffix -ing is attached to verb. This inflectional is indicating 'the progressive meaning'.
(a) We'll see drops of water after the condensation of clouds to water

In these sentences, we find suffix -ion. It changes a verb into a noun
meaning as the result of action as ion in condensation

## Text 7

Death penalty for serious criminals has been discussed by our experts. Those who agree say that death penalty will scare the criminals off. However, those who disagree say that it is inhuman, not effective and we cannot correct the wrong sentence after the criminals die.

In Switzerland, this penalty does not exist. Most people argue that the possibility of making the wrong decision is always there although it is true that spending life behind the bars is not easy either. Also, every person should have a chance for rehabilitation. In this way he or she can start all over again in another life style.

Those who agree argue that there is no use to feed the terrorists in prison with their money. When they get out, they will create a lot of trouble by blackmailing and killing people. So, who says that jails will stop them from being bad guys?

My own opinion is divided. On the one hand, I want to be humane, and on the other hand, I wonder if those people are worthy of my feeling.

This text contains of affixes as follow;

## Inflectional

(a) Death penalty for serious criminals has been discussed by our experts
(b) My own opinion is divided

Both discussed and divided in these sentences are as participle. But it is included in variation form of inflectional morpheme because that required by the syntactic rules of the language to signal 'tense'
(a) Death penalty for serious criminals has been discussed by our experts
(b) Spending life behind the bars is not easy either
(c) is no use to feed the terrorists in prison with their money.
(d) We cannot correct the wrong sentence after the criminals die.
(e) So, who says that jails will stop them from being bad guys?

The words experts, bars, criminals, guys, jails above are followed by suffix $-s$ which shows the plural meaning. The suffix $-s$ as the mark of plural meaning always combined in the noun form.
(a) So, who says that jails will stop them from being bad guys?

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and that the verb is in the present tense.

## Derivational

(a) Death penalty for serious criminals has been discussed by our experts

From this sentence we find the word criminals. The suffix -al in the word criminals forms adjective meaning from noun, for example; Crime $(\mathrm{n})+-\mathrm{al}=$ criminal (adj), and than the suffix $-s$ is combined in the derived word criminal indicating plural meaning.
(a) Not effective and we cannot correct the wrong

In this sentence, we find the word effective. The suffix -ive at the end of this word changes a verb into an adjective meaning, e.g. effect (v) + ive =effective (adj) mean 'having particular quality'.
(a) Death penalty for serious criminals has been discussed by our experts
(b) Worthy I wonder if those people are worthy of my feeling

Penalty is derived from the word penal $(\operatorname{adj})+-t y=$ penalty (n). The $-t y$ which combine in the word penal form a noun meaning. While, the $-y$ in the word worthy changes a noun into adjective meaning e.g. worth $(n)+-y=$ worthy (adj)
(a) There is no use to feed the terrorists in prison with their money

From this sentence we find the word terrorists. The -ist at the end of the word terrorist forms a noun meaning indicating 'person who does a particular activity'. Than the suffix - $s$ combines in derived word terrorist indicating plural. E.g. terror $(v)+-$ ist $+-s=$ terrorists $(n)=$ people who make terror .
(a) I wonder if those people are worthy of my feeling

The -ing at the word feeling is the suffix which follows verb and changes the verb becomes noun meaning forms present participle as noun.
(a) Most people argue that the possibility of making the wrong decision is always there although it is true.

Word belonging to this morphological category are noun denoting qualities, states or properties usually derived from adjective for example; The
suffix / -ity/ which is combined in the word possible (adj) changes the meaning, it becomes possibility (n) mean 'denoting properties, qualities.
(a) Also, every person should have a chance for rehabilitation.
(a) Most people argue that the possibility of making the wrong decision is always there although it is true.

In these sentences, we find suffix -ion in the words rehabilitation and decision. The suffix -ion here changes a verb into a noun meaning as the result of the process. These words derived from the word rehabilitate + ion $=$ rehabilitation, and the word decide (v) + ion $=\operatorname{decision~(~} n$ )
(a) However, those who disagree say that it is inhuman, not effective and we cannot correct the wrong sentence after the criminals die.

In his sentence we see there are two prefixes. They are prefix -dis which follows the word agree (v) = disagree (v) with the meaning 'not' while, the prefix -in in the word human indicates negative meaning 'not' as inhuman $=$ not human

## Text 8

Jakarta (JP). The number of people injured in the weekend earthquake in the central Sulawesi capital of Palu reached 26. The earthquake, measuring 5, 8 in the opened Richter scale, also damaged or destroyed hundreds of buildings. So far no deaths have been reported.
"Only 3 of the 26 injured are still being treated at a government clinic. In the Sausu Trans village, the rest have returned home, "Muhammad Haerollah, an official of the central Sulawesi office of the ministry of social cervices, told the Jakarta post yesterday.

Officials at the meteorology and geo-physics office in Palu, at a depth of 32 kilometers. The office recorded 396 tremors between 5.30 p.m. on Saturday and 12.00 a.m. on Sunday. However, locals felt 47 of the tremors.

Antara News agency reported on Saturday that most of the causalities were adults, Antara News agency reported on Saturday injured by collapsing structures. The agency also said that victims were mainly residents of the Sausu, Suli, Torono, and Malakosa village.

This text contain of affixes as follows;

## Inflectional

(a) The number of people injured in the weekend earthquake in the central Sulawesi capital of Palu reached 26.
(b) The earthquake, measuring 5, 8 in the opened Richter scale, also damaged or destroyed hundreds of buildings Reported
(c) The office recorded 396 tremors between
(d) The agency also said that victims were mainly residents of the Sausu, Suli, Torono, and Malakosa village.

From some sentences above, we can see that there are two kinds of past verb form. In regular form, the suffix $-e d$ combines with the verb in the present tense indicate past meaning as in, injured, reached, damaged, destroyed, recorded, said. While, for irregular forms are exceptional forms. There are no rules of it but they must be listed separately in our mental dictionaries as suppletive form. For example; say + past $=$ said. To know that the verb is past tense we can detect it from the time signal used.
(a) "Only 3 of the 26 injured are still being treated at a government clinic
(b) In the Sausu Trans village, the rest have returned home,

Both treated and returned in these sentences are indicated as participle because the suffix -ed which attached to the end of these words and it is required by the syntactic rules of the language to signal 'tense'.
(a) The earthquake, measuring 5, 8 in the opened Richter scale, also damaged or destroyed hundreds of buildings
(b) So far no deaths have been reported.
(c) Muhammad Haerollah, an official of the central Sulawesi office of the ministry of social cervices,
(d) $\underline{\text { Officials }}$ at the meteorology and geo-physics office in Palu, at a depth of 32 kilometers.
(e) However, locals felt 47 of the tremors.
(f) Antara News agency reported on Saturday
(g) Most of the causalities were adults,
(h) Antara News agency reported on Saturday injured by collapsing structures.
(i) The agency also said that victims were mainly residents of the Sausu, Suli, Torono, and Malakosa village.

The words buildings, deaths, cervices, officials, kilometers, locals, tremors, news, causalities, adults, structures, victims, residents above are followed by suffix $-s$ which shows the plural meaning. For the word building is derived from the word build then added the suffix -ing as the present participle indicating noun. Then suffix $-s$ as the mark of plural meaning always combined in the noun form.

## Derivational

(a) The agency also said that victims were mainly residents of the Sausu, Suli, Torono, and Malakosa village.

The word mainly $(a d v)$ is derived of the word mind (adj). The suffix -ly in mainly here changes an adjective into an adverb meaning, it is describing 'the way that something is done'.
(a) The earthquake, measuring 5, 8 in the opened Richter scale, also damaged or destroyed hundreds of buildings.

The suffix -ed in the word opened derives adjective meaning ' having this thing or quality'. The majority of derives are based on compound or phrase as in; opened Richter.

## Text 9

Pingvellir is a very famous historic place in Iceland where a lot of things happened, which have influenced the Icelandic history.

Pingvellir was reserved in 1928 and became a national park. Now there is a fence all around pingvellir to protect it from sheep and other animals which can destroy the vegetation.

Pingvellavatn, which is in pingvellir, is the largest lake in Iceland. It is $83.7 \mathrm{km2}$, and 144 m deep. There are many kinds of fish in the lake, like trouts, and tiddlers.

Pingvellir is also a very famous tourism place and thousands of people come there every year to see this smashing nature and its beautiful surrounding Men have tried to do anything they can to protect this old, famous place. They have put fences all around pingvellir and there are special rules. They have also made many paths and you only allowed to camp on special places, to protect the vegetation. They have rebuilt the houses and many things for the travel industry.

This text contain of affixes as follows;

## Inflectional

(a) Pingvellir is a very famous historic place in Iceland where a lot of things happened, which have influenced the Icelandic history.

In this sentence we find the word happened. The suffix -ed in that word is inflectional indicating past meaning and the -ed in the end of influenced indicate the past participle.
(a) Pingvellir is a very famous historic place in Iceland where a lot of things happened,
(b) Now there is a fence all around pingvellir to protect it from sheep and other animals which can destroy the vegetation.
(c) There are many kinds of fish in the lake, like trouts, and tiddlers.
(d) Pingvellir is also a very famous tourism place and thousands of people come there every year to see this smashing nature and its beautiful surrounding
(e) Men have tried to do anything
(f) They have put fences all around pingvellir and there are special rules.
(g) They have also made many paths and you only allowed to camp on special places, to protect the vegetation.
(h)They have rebuilt the houses and many things for the travel industry.

The suffix $-s$ in the word things, animals, kinds, routs, thousands, fences, rules, places, paths, houses indicate plural meaning because the suffix $-s$ combine
with noun. For the word sheep, men are the exception to plural formation. There are no regular rules to determine it.
(a) They have also made many paths and you only allowed to camp on special places, to protect the vegetation.
(b) Men have tried to do anything
(c) They have put fences all around pingvellir and there are special rules.
(d) Pingvellir was reserved in 1928 and became a national park.
(e) Pingvellir is a very famous historic place in Iceland where a lot of things happened, which have influenced the Icelandic history

In this sentences we find the words allowed, tried, reserved, influence. All of them are 'participle'. We can know that they indicate participle because of the suffix $-e d$ that combine in that word e,g. allow $+-\mathrm{ed}=$ allowed, try $+-\mathrm{ed}=$ tried, act. While, the word made, put in that sentences are also participle. Made is derived from the word make and put have same form in present, past, participle. Those words do not have phonological representation. This form is known as the zero-form. Both made and put are exception to past tense rule.
(a) Pingvellavatn, which is in pingvellir, is the largest lake in Iceland

The -est at the end of largest indicates superlative degree the process is the suffix -est attached to adjective, as large + -est.

## Derivational

(a) They have also made many paths and you only allowed to camp on special places, to protect the vegetation.

In this sentence, we find suffix -ion. It changes a verb into a noun meaning as the result of action as vegetate +- ion $=$ vegetation mean 'the result of vegetate'.
(a) Its beautiful surrounding

The other suffix we can find is the suffix -ful. It changes a noun into adjective meaning. The general meaning 'having particular quality' and is typically attached to abstract noun. As in; beauty ( $n$ ) +- ful= beautiful (adj)
(a) See this smashing nature and its beautiful surrounding

The suffix -ing in the word smashing derives adjective meaning 'having this thing or quality'.
(a) They have rebuilt the houses and many things for the travel industry

The -re which is added in the word build has meaning 'again' mean 'to build again'

## Text 10

## The Lion and the Mouse

Once when a lion was asleep, a little mouse began running up and down upon him; this soon awoke the lion, which placed his huge paw upon the mouse, and opened his big jaws to swallow him.
"Pardon, O king," cried the little mouse "forgive me this time. I shall never forget it: who knows I may be able to do you a good turn some of these days?" the lion was so tickled at the idea of the mouse being able to help him. Then he lifted up his paw and let him go.

One day the lion was caught in a trap. Some hunters who wanted to carry him alive to the King, tied him to a tree while they went in search of a wagon to carry him in. just then the little mouse happened to pass by and see the sad plight in which the lion was. The little mouse went up to him and soon gnawed away the ropes that bound the king of the beasts. Soon after the little mouse had finished gnawing away the ropes, he asked the lion to run away.

From this text we can see the affixes as bellow;

## Inflectional

(a) This soon awoke the lion, which placed his huge paw upon the mouse, and opened his big jaws to swallow him.
(b) Then he lifted up his paw and let him go.
(c) Some hunters who wanted to carry him alive to the King tied him to a tree while they went in search of a wagon to carry him in.
(d) Just then the little mouse happened to pass
(e) The little mouse went up to him and soon gnawed away the ropes that bound the king of the beasts.
(f) He asked the lion to run away.
(g) a little mouse began running up and down upon him;

In this sentences we find the words placed, opened, lifted, wanted, tied, happened, and gnawed are 'past form'. We can know that they indicate past because of the suffix $-e d$ that combine in that words e.g. place $+-e d=$ placed, tie $+-e d=$ tied, act. While, the word went, began in that sentences are also past form. Went is derived from the word go and began is derived from the word begin; both of them are irregular form.
(a) This soon awoke the lion, which placed his huge paw upon the mouse, and opened his big jaws to swallow him.
(b) Who knows I may be able to do you a good turn some of these days
(c) The little mouse went up to him and soon gnawed away the ropes that bound the king of the beasts.

The suffix $-s$ in the word jaws, days, ropes, beasts indicate plural meaning because the suffix $-s$ combine with noun, rope $+-s=$ ropes, day $+-s=$ days.
(a) The lion was so tickled at the idea of the mouse being able to help him.
(b) One day the lion was caught in a trap
(c) Soon after the little mouse had finished gnawing away the ropes, he asked the lion to run away.
(d) a little mouse began running up

In these sentences we find the words tickled caught. All of them are 'participle'. We can know that they indicate participle because of the suffix -ed that combine in that word e,g. tickle $+-\mathrm{d}=$ tickled, finish $+-\mathrm{ed}=$ finished. While, the word caught in that sentence (b) is also participle. Caught is derived from the
word catch. It is irregular verb. On the other hand, we also find the word began, it the past form of begin.
(a) Who knows I may be able to do you a good turn some of these days

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is 'third person singular', and that the verb is in the present tense.

## Derivational

(a) Once when a lion was asleep
(b) This soon awoke the lion, which placed his huge paw upon the mouse

The - $a$ in asleep and awoke indicating adjective meaning derived from
verb like; a- $+\operatorname{sleep}(v)=\operatorname{asleep}(a d j), a-+\operatorname{woke}(v)=$ awoke $(a d j)$.

## Text 11

## The Ocean at a Glance

The oceanic waters of earth have a combined area of about 140 million square miles. In the Southern Hemisphere the oceans cover about 81 percent of the surface, while in the Northern Hemisphere they cover approximately 61 percent. The oceans are intercommunicating bodies of water which include their gulfs and seas.

The floor of the ocean is commonly divided into four main parts. The first is the continental shelf which slopes gently outward from the shore of the continent. It is about forty miles wide and four hundred feed deep. At the end of the continental shelf the sea floor falls sharply to a very deep seabed. This floor is the second part and is usually know as the continental slope. At the base of this continental slope is the sediment which forms the third part, the continental rise. The fourth is the floor of the sea beyond the continental rise, the deep seabed. On the deep seabed are strings of mountains known as mid-oceanic ridges, isolated mountains known as seamounts, deep valleys or deep sea trenches and plateaus or guyots.

From this text we can see the kind of affixes as follows;

## Inflectional

(a) The oceanic waters of earth have a combined area of about 140 million square miles
(b) The oceans are intercommunicating bodies of water which include their gulfs and
seas.
(c) The floor of the ocean is commonly divided into four main parts
(d) On the deep seabed are strings of mountains known as mid-oceanic ridges, isolated mountains known as seamounts, deep valleys or deep sea trenches and plateaus or guyots.

The suffix $-s$ in the word waters, miles, oceans, bodies, gulfs, seas, parts, mountains, ridges, valleys, trenches, and guyots indicate plural meaning because the suffix $-s$ combine with noun, water $+-s=$ waters, ocean $+s=$ oceans.
(a) The floor of the ocean is commonly divided into four main parts
(a) On the deep seabed are strings of mountains known as mid-oceanic ridges, isolated mountains known as seamounts.

The -ed in divided indicates past meaning, while the word isolated, known are participle as adjective. Isolate $+-\mathrm{d}=$ isolated and the word know becomes known as past participle because it exception to the past formation.
(a) At the base of this continental slope is the sediment which forms the third part, the continental rise.
(b) the sea floor falls sharply to a very deep seabed

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and that the verb is in the present tense.

## Derivational

(a) The sea floor falls sharply to a very deep seabed

The word sharply (adv) is derived of the word sharp (adj). The suffix -ly in sharply here changes an adjective into an adverb meaning, it describes the way that something is done.

## Text 12

World War II was the most widespread and the most destructive war in history. It lasted from 1939 to 1945 and eventually involved all the great powers and most of the smaller nations of the world. Even the countries that remained neutral felt the war's impact. The chief antagonists were Germany, Italy, and Japan (known as the Axis power) on one side and the United States, Great Britain, the Soviet Union, France, and China (known as Allies) on the other. The battle field of the war stretched from Europe to North Africa from the island of the pacific to eastern and southern.

The text above contains of many affixes, they are;

## Inflectional

(a) It lasted from 1939 to 1945 and eventually involved all the great powers and most of the smaller nations of the world.
(b) Even the countries that remained neutral felt the war's impact.

The -ed which follow the word lasted, involved, remained are indicating past meaning.
(a) Eventually involved all the great powers and most of the smaller nations of the world.
(b) Even the countries that remained neutral felt the war's impact.

The $-\mathrm{s} /$ es in the word powers, nations, countries are shows plural.
(a) Even the countries that remained neutral felt the war's impact.

The 's which follow war's indicates possessive meaning.
(a) And most of the smaller nations of the world.

The -er at the end of smaller indicates comparative morpheme the process is the suffix -er attached to adjective, as small + -er.

## Derivational

(a) Eventually involved all the great powers and most of the smaller nations of the world.

The word eventually (adv) is derived of the word eventual (adj). The suffix -ly in eventually here changes an adjective into an adverb meaning,
(a) World War II was the most widespread and the most destructive war in history

Suffix -ive is added to many words mostly verb and form adjective, and the adjective means having a tendency to do the action of the verb, for example destroy + ive $=$ destructive mean ' tending to distroy'
(a) The chief antagonists were Germany

The -ist can be considered underspecified 'person having to do activity' like in antagonist.

## Text 13

## Retailers

Retailing is selling goods or merchandise usually in small quantities. They are sold to the public for their own use, not other producers or firms for resale. It is the final step in bringing goods to consumers on trading. Retailing is not only selling goods but also offering services such as renting tolls for home use or renting cars for immediate purposes. The retail sector is important as it serves or sells goods to consumers directly.

Tradesmen who sell goods by retail are called retailers. They know consumer's needs well because they are in a day-to-day contact with them. They may sell their goods in cash or on credit. One who wants to buy a car must go to a showroom where cars are displayed. He negotiates with the dealer what kind of purchasing they will make. A dealer is a retailer. To attract consumers retailers sometimes help promote the producers' goods. An advertisement is likely to be the most effective.

From this text, we find many texts they are;

## Inflectional

(a) Retailing is not only selling goods but also offering services such as renting tolls for home use or renting cars for immediate purposes.

From this example, we can see that the suffix -ing is attached to verb. This inflectional is indicating 'the progressive meaning'.
(a) Retailing is selling goods or merchandise usually in small quantities
(b) Retailing is not only selling goods but also offering services such as renting tolls for home use or renting cars for immediate purposes.
(c) They know consumer's needs well because they are in a day-to-day contact with them

The -s /-es which follow to the words goods, quantities, services, tolls, cars, purposes, needs indicate plural meaning.
(a) They know consumer's needs well because they are in a day-to-day contact with them.
(b) To attract consumers retailers sometimes help promote the producers' goods.

The 's which follow consumer's and producer's indicate possessive meaning.
(a) They are sold to the public for their own use, not other producers or firms for resale.
(b) Tradesmen who sell goods by retail are called retailers
(c) One who wants to buy a car must go to a showroom where cars are displayed.

The $-e d$ indicates participle meaning like is called, displayed, for example Call $+e d=$ called and the word sell becomes sold also as past participle because irregular verb.
(a) The retail sector is important as it serves or sells goods to consumers directly.
(b) One who wants to buy a car must go to a showroom where cars are displayed.

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and that the verb is in the present tense.

## Derivational

(c) Retailing is selling goods or merchandise usually in small quantities
(d) The retail sector is important as it serves or sells goods to consumers directly.

The word usually (adv) is derived of the word usual (adj) and directly is derived from direct. The suffix -ly in usually, directly here changes an adjective into an adverb meaning, it describes the way that something is done.
(a) To attract consumers retailers sometimes help promote the producers' goods
(b) A dealer is a retailer
(c) They are sold to the public for their own use, not other producers or firms for resale

In these sentences, we find suffix -er, which is called as agentive morpheme. They change a verb into a noun indicating the person who does activity. Then -s which follow in the end of that word indicate plural meaning, for example; consume $+-\mathrm{er}+-\mathrm{s}=$ consumers mean ' some one who consumes', product + -er + -s = producers mean ' some one who
(a) An advertisement is likely to be the most effective.

Suffix -ive is added to many words mostly verb and form adjective, and the adjective means having a tendency to do the action of the verb, for example effect + ive $=$ effective mean 'tending to effect'
(a) An advertisement is likely to be the most effective

In this example we find the suffix -ment. This suffix changes a verb into a noun meaning denoting process or result from verb. For example advertise +- ment $=$ advertisement mean 'the result of advertise'.

## Text 14

Wood chipping is a process used to obtain pulp and paper products from the forest. The wood chipping process begins when the trees are cut down in a selected area of the forest called a couple.

Next, the top and branches of the trees are cut out and the logs are taken to the mill. At the mill, the bark of the logs is removed and the logs are taken to a chipper, which cut them into small pieces called woodchips are then screened to remove dirt and other and heat. The pulp is then bleached and the water content is removed.

Finally, the pulp is rolled out to make paper.
In this text consist of many affixations they are;

## Inflectional

(a) Wood chipping is a process used to obtain pulp and paper products from the forest.
(b) The wood chipping process begins when the trees are cut down in a selected area of the forest called a couple.
(c) Next, the top and branches of the trees are cut out and the logs are taken to the mill.
(d) At the mill, the bark of the logs is removed and the logs are taken to a chipper, which cut them into small pieces called woodchips are then screened to remove dirt and other and heat.

The $-\mathrm{s} /$-es in the words products, trees, branches, logs, woodchips
indicates plural meaning.
(a) Wood chipping is a process used to obtain pulp and paper products from the forest.
(b) Next, the top and branches of the trees are cut out and the logs are taken to the mill.
(c) At the mill, the bark of the logs is removed and the logs are taken to a chipper, which cut them into small pieces called woodchips are then screened to remove dirt and other and heat
(d) The pulp is then bleached and the water content is removed.
(e) Finally, the pulp is rolled out to make paper.

The -ed which follow in the end of the verbs in (a, c, d, and e) are indicate past participle. While, the word cut, taken is also participle. Put is derived from the same word put and taken is derived from the word take; both of them are irregular form.
(a) The wood chipping process begins when the trees are cut down in a selected area of the forest called a couple.

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and that the verb is in the present tense.

## Derivational

(a) At the mill, the bark of the logs is removed and the logs are taken to a chipper,

In this sentence, we find suffix -er, they change a verb into a noun indicating the something which does activity.
(a) At the mill, the bark of the logs is removed and the logs are taken to a chipper,

While in this sentence the prefix -re indicate the meaning 'again', for example; re-+ move $+-e d=$ 'to move again' and the $-e d$ in the end of the word removed indicate participle.

## Text 15

## Cigarettes, Smokers, and Smoking

Smoking is a bad habit that is very hard to break. Smokers are everywhere. Many people smoke just to socialize, but many others are too addicted to quit.

A cigarette is like a toxin hypermarket. You can find many kinds of toxin in it: acetone, carbon monoxide, tar, arsenic, ammonia, hydrogen cyanide, and toluene. The tar itself contains more than 43 substances that can cause cancer. Scientists say that when we are smoking, we put more than 4,000 kinds of toxic materials into our body.

However, many smokers believe that a cigarette with low tar is less dangerous. And so is a filtered cigarette. But the problem is one cigarette is never enough for addicted smokers.

Another myth about smoking is that it cannot only make them awake but also raise their inspiration. This is contrary to the findings of research in California which show that smoker's ability to thinks lower than that of nonsmokers.

Smoking is indeed a serious social problem in our country. The government keeps reminding that smoking is dangerous, not only for smokers themselves, but also for other people in the surroundings (passive smokers). But the warnings do not seem to get any response.

## Inflectional

(a) Scientists say that when we are smoking, we put more than 4,000 kinds of toxic materials into our body.

The -ing in the smoking is indicating the progressive meaning.
(a) But many others are too addicted to quit.

The -ed in the word addicted is indicated as participle category.
(a) This is contrary to the findings of research in California which show that smoker's ability to thinks lower than that of non-smokers.

The 's in this sentence is indicated as possessive category.
(a) Many people smoke just to socialize, but many others are too addicted to quit.
(b) You can find many kinds of toxin in it
(c) We put more than 4,000 kinds of toxic materials into our body.
(d) However, many smokers believe that a cigarette with low tar is less dangerous.
(e) The government keeps reminding that smoking is dangerous, not only for smokers themselves, but also for other people in the surroundings (passive smokers). But the warnings do not seem to get any response.

The -s in the end of the words others, kinds, materials, smokers, surroundings, warnings are indicated as plural meaning while the word smokers consists of two suffix they are -er indicate the some one who does the activity than $-s$ indicate plural meaning, and the word surrounding and warning consist of the suffix - ing indicating noun meaning derive from verb form surround $(v)+-$ ing $=$ surrounding ( $n$ ), warn (v) + - ing $=$ warning (v).
(a) The government keeps reminding that smoking is dangerous, not only for smokers themselves

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person,' is' singular', and that the verb is in the present tense.
(a) This is contrary to the findings of research in California which show that smoker's ability to thinks lower than that of non-smokers

The -er at the end of lower indicates comparative degree the process is the suffix -er attached to adjective, as low + -er.

## Derivational

(a) And so is a filtered cigarette
(b) But the problem is one cigarette is never enough for addicted smokers.

The suffix -ed in the word filtered and addicted derives adjective meaning ' having this thing or quality'. The majority of derives are based on compound or phrase as in; filtered cigarette, addicted smoker.
(a) Another myth about smoking is that it cannot only make them awake but also raise their inspiration

In this sentence, we find suffix -ion. It changes a verb into a noun meaning as the result of action as inspire + - ion $=$ inspiration mean 'the result of inspire'.

## Text 16

Monday's tsunami along the southern coast of java has caused devastating losses that are still being counted. Traumatized survivors, many camped out in the hills far from the shore line, are living in fear that another earthquake would trigger another wave of destruction.

The earthquake which triggered a Monday's tsunami along the southern coast of java has caused devastating losses that are still being counted tsunami wiped out the beach resorts and fishing villages along the southern coast of java. The meteorology and geophysics agency (BMG) said that the Wednesday's earthquake measured 6.2 on the Richter Scale.

Its epicenter was 48 kilometers below the sea level. BMG official, Weni, said the areas on the west coast of west java and Banten, as well as those in the south coast of Lampung, were at risk of being hit by a tsunami. However, the possibility of a tsunami was quickly discounted by other agencies.

From this text we can see the affixation as the follow;

## Inflectional

(a) Monday's tsunami along the southern coast of java has caused devastating losses that are still being counted
(b) Agency (BMG) said that the Wednesday's earthquake measured 6.2 on the Richter scale.

The 's in these sentence are indicated as the possessive meaning.
(a) many camped out in the hills far from the shore line, are living in fear

The -ing in the end of the word living is showed as the progressive category.
(a) Monday's tsunami along the southern coast of java has caused devastating losses that are still being counted.
(b) However, the possibility of a tsunami was quickly discounted by other agencies.

The -ed in the word caused, counted, and discounted are showed as the past participle. While the -ed in the following sentences are indicated as past category. For example, trigger + -ed $=$ triggered. And say + past $=$ said, it an exceptional verb.
(a) The earthquake which triggered a Monday's tsunami along the southern coast of java has caused devastating losses
(b) Agency (BMG) said that the Wednesday's earthquake measured 6.2 on the Richter scale.
(a) many camped out in the hills far from the shore line,
(b) The earthquake which triggered a Monday's tsunami along the southern coast of java has caused devastating losses that are still being counted tsunami wiped out the beach resorts and fishing villages along the southern coast of java
(c) Its epicenter was 48 kilometers below the sea level Weni, said the areas on the west coast of west java and Banten, as well as those in the south coast of Lampung, were at risk of being hit by a tsunami. However, the possibility of a tsunami was quickly discounted by other agencies.

The -s in the end of the words hills, resorts, villages, kilometers, ares are indicated as plural meaning.

## Derivational

(a) Traumatized survivors, many camped out in the hills far from the shore line, are living in fear that another earthquake would trigger another wave of destruction.
In this sentence, we find suffix -ion. It changes a verb into a noun meaning as the result of action as destruct + - ion $=$ destruction mean 'the result of destroy'
(a) Traumatized survivors, many camped out in the hills far from the shore line, living in fear

In this sentence we find suffix -or. They change a verb into a noun indicating the person who does activity such as; survive + -or $=$ survivor ' a person who survive'
(a) However, the possibility of a tsunami was quickly discounted by other agencies.

In this sentence we find two words with deferent suffixes. First, the suffix -ity is added to many words mostly adjective and forms nouns that refer to a state or quality. For example - possible + -ity $=$ possibility. Second, the $-l y$ is added to the adjective form forms adverb that rifer to the way that something is done.

## Text 17

One of the most popular artifacts in Indonesia is the Prambanan, a complex of temple which was built in $825 A>D$. the central part of the Prambanan complex consists of three main shrines dedicated to the gods of trimurti.

The temple of Siva stands in center, that of Vishnu on the north, and that of Brahma on the south. In front of each of these main temples stands another smaller temple, constructed to contain a statue of the mount of each god. This ensemble is completed by two annexes, the "Candi Apit" or 'flanking temples', and nine small shrines to shelter the stones demarcating the compound within which the temple complex stands.
Inflectional
(a) One of the most popular artifacts in Indonesia is the Prambanan
(b) the central part of the Prambanan complex consists of three main shrines dedicated to the gods of trimurti
(c) This ensemble is completed by two annexes, the "Candi Apit" or 'flanking temples', and nine small shrines to shelter the stones demarcating the compound within which the temple complex stands.
The -s in the end of the words artifacts, shrines, gods, annexes, stones are indicated as plural meaning while the word.
(a) the central part of the Prambanan complex consists of three main shrines dedicated to the gods of trimurti
(b) The temple of Siva stands in center, that of Vishnu on the north, and that of Brahma on the south.

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person,' is' singular', and that the verb is in the present tense.
(a) A complex of temple which was built in $825 \mathrm{~A}>\mathrm{D}$. , a complex of temple which was built in $825 \mathrm{~A}>$ D. , a complex of temple which was built in $825 \mathrm{~A}>\mathrm{D}$.
(b) This ensemble is completed by two annexes,

The -ed which follow in the end of the verbs in $(a, b)$ are indicate past participle.
(a) In front of each of these main temples stands another smaller temple, constructed to contain a statue of the mount of each god

The -er in the end of the smaller indicate the comparative degree.
(a) the central part of the Prambanan complex consists of three main shrines dedicated to the gods of trimurti

The -ed in dedicated is showed as the past form.

## Derivational

(a) This ensemble is completed by two annexes, the "Candi Apit" or 'flanking temples', and nine small shrines to shelter the stones demarcating the compound within which the temple complex stands.

The -ing in the word flanking, demarcating is a present participle as adjective

## Text 18

The kiwi lives only in New Zealand. It is a very strange bird because it cannot fly. The kiwi is the same size as a chicken. It has no wings or tail. It does
not have any feathers like others birds. It has hair on its body. Each foot has four toes. Its beak (mouth) is very long.

A kiwi likes a lot of trees around it. It sleeps during the day because the sunlight hurts its eyes. It can smell things with its nose. It is the only bird in the world that can smell things. The kiwi's eggs are very big.

There are only a few kiwis in New Zealand now. People never see them. The government says that people cannot kill kiwis. New Zealanders want their kiwis to live.

There is picture of a kiwi on New Zealand money. People from New Zealand are sometimes called Kiwis.

We can find kind of affixes as bellow;

## Inflectional

(a) The kiwi lives only in New Zealand
(b) It has no wings or tail
(c) A kiwi likes a lot of trees around it
(d) It sleeps during the day because the sunlight hurts its eyes.
(e) The government says that people cannot kill kiwis

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person,' is' singular', and that the verb is in the present tense. The -s can not attach to the word have, to show the third singular person the word have changes become has, it is the exceptional verb.
(a) It has no wings or tail
(b) it does not have any feathers like others birds.
(c) Each foot has four toes
(d) It sleeps during the day because the sunlight hurts its eyes
(e) It can smell things with its nose
(f) The kiwi's eggs are very big.
(g) There are only a few kiwis in New Zealand now

The $-s$ in the end of the words wings, feathers, birds, toes, eyes, things, eggs, kiwis are indicated as plural maker.
(a) People from New Zealand are sometimes called Kiwis.

The -ed in the word called as participle form.

## Derivational

(a) The government says that people cannot kill

In this example we find the suffix -ment. This suffix changes a verb into a noun meaning denoting process or result from verb. For example govern + ment $=$ government mean 'the result of govern'.
(a) New Zealanders want their kiwis to live.

The -er in Zealanders is indicated as person and the suffix -s is indicate the plural form.

## Text 19

## The hen with the silver eggs

One day, in an Arabian city, a woman went to the market and bought a beautiful hen.

A few days later to her surprise the hen she bought laid a silver egg. If the hen could only de persuaded to lay more than one egg each day, the woman was sure she would never have to work again.

So the women decided to make the hen eat more, so that it could lay more eggs. But the only result was that the hen died of indigestion and did not lay more eggs at all.

## Inflectional

(a) A woman went to the market and bought a beautiful hen.
(b) So the women decided to make the hen eat more, so that it could lay more eggs.

Both went and bought are past form. No rules of these words, we only can see in our dictionary. For example; go + past = went, buy + -past bought.
(a) But the only result was that the hen died of indigestion and did not lay more eggs at all.

The -ed in the died is indicated past participle form.
(a) A few days later to her surprise the hen she bought laid a silver egg
(b) So the women decided to make the hen eat more, so that it could lay more eggs.

The $-s$ in days, eggs, indicate the plural form.
(a) One day, in an Arabian city

In this sentence we find the suffic -an like arabian. The -an make an adjective meaning ' belonging somewhere'.

## Text 20

Borobudor is a Hindu-Buddhist temple built in the $9^{\text {th }}$ century under the Sailendra dynasty of java. It is located near Magelang on the island of java, Indonesia.
Abandoned in the $11^{\text {th }}$ century and partially excavated by archaeologists in the early $20^{\text {th }}$ century, Borobudur temple is well-known all over the world. Influenced by the Gupta architecture of India, the temple is constructed on a hill 46 m ( 150 ft ) high and consists of eight step-like stone terraces, one on top of the other. The first five terraces are square and surrounded by walls adorned with Buddhist sculptures in bs-relief; the upper three are circular, each with a circle of bellshaped stupa (a Buddhist shrine). The entire edifice is crowned by a large stupa at the centre of the top circle. The way to summit extends through some 4.8 km of passages and stairways. The design of Borobudur, a temple-mountain symbolizing the structure of the universes, influenced the temples built at Angkor, Cambodia.

Borobudor, rededicated as an Indonesian national monument in 1983, is a valuable treasure for Indonesian people.

## Inflectional

(a) The temple is constructed on a hill $46 \mathrm{~m}(150 \mathrm{ft})$ high and consists of eight step-like stone terraces, one on top of the other

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person singular', and that the verb is in the present tense.
(a) It is located near Magelang
(b) Abandoned in the $11^{\text {th }}$ century and partially excavated by archaeologists in the early
$20^{\text {th }}$ century, Borobudur temple is well-known all over the world
(c) Influenced by the Gupta architecture of India, the temple is constructed on a hill $46 \mathrm{~m}(150 \mathrm{ft})$ high
(d) The first five terraces are square and surrounded by walls adorned with Buddhist sculptures in bs-relief;
(e) The entire edifice is crowned by a large stupa.
(f) The design of Borobudur, a temple-mountain symbolizing the structure of the universes, influenced the temples built at Angkor, Cambodia.
The -ed in the underline words are indicated participle form.
(a) The first five terraces are square and surrounded by walls adorned with Buddhist sculptures in bs-relief
(b) The way to summit extends through some 4.8 km of passages and stairways.

In this sentence we find the suffix- $\mathrm{s} /$-es. The suffix -s /-es indicate the plural form, for example terrace $+-\mathrm{s}=$ terraces, sculpture + -es $=$ sculptures, passage $+-s=$ passages, stairway $+-s=$ stairways.

## Derivational

(a) Abandoned in the $11^{\text {th }}$ century and partially excavated by archaeologists in the early $20^{\text {th }}$ century,

The word partially (adv) is derived of the word partial (adj) the suffix -ly in partially here changes an adjective into an adverb meaning.
(a) Abandoned in the $11^{\text {th }}$ century and partially excavated by archaeologists
(b) The first five terraces are square and surrounded by walls adorned with Buddhist sculptures in bs-relief

The word archaeologist consists of suffix -ology which make a noun meaning indicating 'the study of something' $\operatorname{archa}+-\operatorname{ology}=\operatorname{archeology}(n)=$ the study of the remains of ancient buildings, toll. Then the -ist can be considered underspecified 'person having to do activity' like in archaeology + -ists $=$
archaeologists, and Buddhist. While the -s which attach in the archaeologists is indicated as the plural form..
(a) Borobudor, rededicated as an Indonesian national monument in 1983, is a treasure for Indonesian people.

The $-a l /$ is added to many words mostly nouns to form adjective, the adjective means pertaining to or like the noun, for example: nation ( n ) $+-\mathrm{al}=$ national (adj)

## Text 21

London: A British couple booked themselves into a clinic to quit smoking after the vet said it was the only way to save their beloved sick parrot.

Kevin Barclay and Sharon Wood gave up a 50-cigarrette-a-day habit to save their Amazon orange-winged parrot J.J, said the vet. Glen Cousquer of the South beech Veterinary Surgery in Essex, southeastern England.
"One of the key things that we need to get right with parrots generally is air quality," he told Reuters. "This particular bird presented with very severe respiratory problems. The owners were instructed to do everything they could to improve the bird's environment."
"I think I must have shaken the owners up quite badly, because the next time I saw them they actually had booked themselves into one of these antismoking clinics and were determined to stop. They've gone for five weeks," he said.
J.J, he said, "is doing really well. It is certainly going to improve his life expectancy. "It may help the owners, too.

In the text above we find many affixes as follow;

## Inflectional

(a) A British couple booked themselves into a clinic to quit smoking after the vet said it was the only way to save their beloved sick parrot
(b) Kevin Barclay and Sharon Wood gave up a 50-cigarrette-a-day habit
(c) he told Reuters
(d) This particular bird presented with very severe respiratory problems.
(e) I saw them

The -ed in the booked, presented indicated past form, however, the words said, gave, told, saw are also indicated as the past form. They are the exception to verb formation as singular verb. The words said, gave, told, saw past form from say, give, tell, see.
(f) J.J, he said, "is doing really well

The -ing in the word doing is indicated as the progressive form.
(g) It was the only way to save their beloved sick parrot.
(h) Kevin Barclay and Sharon Wood gave up a 50 -cigarrette-a-day habit to save their Amazon orange-winged parrot
(i) The owners were instructed to do everything they could to improve the bird's environment."
(j) I think I must have shaken the owners up quite badly, because the next time I saw them they actually had booked themselves into one of these anti-smoking clinics and were determined to stop
(k) They've gone for five weeks," he said.

The -ed in the underline words are indicated participle forms and the word shaken, gone are the exception to verb formation.. The form of the participle is not ending with $-e d$, but they do not have rules, we will know the participle form of them in our particularly dictionary.
(l) One of the key things that we need to get right with parrots generally is air quality," he told Reuters.
(m) This particular bird presented with very severe respiratory problems.
(n) They've gone for five weeks
the -s in the end of the underline word are indicated as the plural forms.
(o) the owners were instructed to do everything they could to improve the bird's environment."

The -'s in the word bird's is indicated as possessive form.

## Derivational

(p) The owners were instructed to do everything they could to improve the bird's environment."

The -er in the word owner changes the verb into noun indicate as the person who have something.
(q) One of the key things that we need to get right with parrots generally is air quality," he told Reuters
(r) I think I must have shaken the owners up quite badly
(s) I saw them they actually had booked themselves into one of these anti-smoking clinic

The word generally, badly, actually (adv) is derived of the word general, bad, actuall (adj). The suffix -ly here changes an adjective into an adverb meaning.
( t$)$ It is certainly going to improve his life expectancy.

In this sentence we find the suffix - ancy. This suffix makes a noun meaning. an action. For example; expect (v) +- ancy $=\operatorname{expectancy}(\mathrm{n})$
(u) Kevin Barclay and Sharon Wood gave up a 50-cigarrette-a-day habit to save their Amazon orange-winged parrot J.J

The -ed in winged as the past participle form refer to adjective form.

## Text 22

Farmers produce almost all of the world's food, including some fish and game. Most food products come from animals, especially cattle, hogs, and other livestock. The world's farmers grow about 85 major food crops. They can be divided into eight groups. The main group is cereal grain. Grain is grown on half the world's crop land and supplies much of the nourishment in the human diet. The chief grains are barley, corn, millet, oats, rice, rye, sorghum, and wheat.

Various root crops make up the second most important group of food crops. Like cereal grains, root crops are grown throughout the world and are a basic food for many people. The leading root crops are potatoes, sweet potatoes and a tropical plant called cassava.

The six remaining groups or major food crops are: (1) pulses, which consist mainly of dry beans and dry peas; (2) fruits and vegetables other than root crops and pulses; (3) oil-bearing crops, such as soybeans and coconuts; (4) sugar-bearing crops, especially sugar cane and sugar beets; (5) nuts; and (6) cocoa beans, coffee and tea. Some oil crops, especially soybeans, are used to make flour and meal as well as oil.
Inflectional
(a) Most food products come from animals, especially cattle, hogs, and other livestock
(b) They can be divided into eight groups.
(c) The chief grains are barley, corn, millet, oats, rice, rye, sorghum, and wheat.
(d) The leading root crops are potatoes,
(e) pulses, which consist mainly of dry beans and dry peas; (2) fruits and vegetables other than root crops and pulses; (3) oil-bearing crops, such as soybeans and coconuts; (4) sugar-bearing crops, especially sugar cane and sugar beets; (5) nuts; and (6) cocoa beans, coffee and tea

The -s in underline words indicate the plural form
(v) They can be divided into eight groups.
(g) The leading root crops are potatoes, sweet potatoes and a tropical plant called cassava.

The -ed in the divided and called indicated past participle form.
(h) The world's farmers grow about 85 major food crops
(i) Grain is grown on half the world's crop land and supplies much of the nourishment in the human diet.

The -'s in the word's indicate the possessive form.

## Derivational

(j) Especially cattle, hogs, and other livestock
(k) Pulses, which consist mainly of dry beans and dry peas;

The word especially, mainly $(a d v)$ is derived of the word special, main (adj) the suffix -ly in especially, mainly here makes adjective meaning.
(l) Grain is grown on half the world's crop land and supplies much of the nourishment in the human diet

In this example we find the suffix -ment. This suffix changes a verb into a noun meaning denoting process or result from verb. For example nourish + - ment $=$ nourishment mean 'the result of nourish'.
(m) Including some fish and game.
(n) The leading root crops are potatoes,
(o) oil-bearing crops

The -ing in the word including, leading, bearing indicate present participle form as adjective.
(p) a tropical plant called cassava.

The suffix -al in the tropical changes a noun into adjective example;
tropic $(n)+-a l=$ tropical $(a d j)$

## Text 23

Each society has its own beliefs, attitudes, customs, behaviors, and social habits. These give people a sense of who they are, how they should behave, and what they should or should not do. These 'rules' reflect the 'culture' of a country.

People become conscious of such rules when they meet people from different cultures. For example, in some cultures, being on time can mean turning up several hours late for an appointment, even for a business meeting; in others, 3 p.m. means 3 p.m. Also, the rules about when to eat vary from culture to culture. Many North Americans and Europeans are used to having three mealtimes a day and organizing their timetable around them. In some countries, on the other hand, people often do not have strict rules like this-people eat when they want to, and every family has its own time table.

When people visit or live in a country for the first time, they are often surprised at the differences that exist between their own culture and that in the other country. When people visit or live in a country for the first time, they are often surprised at the differences that exist between their own culture and that in the other country.

There are many kinds of affixation in the text above they are;

## Inflectional

(a) Each society has its own beliefs, $\underline{\text { attitudes, }}$ customs, behaviors, and social habits.
(a) For example, in some cultures, being on time can mean turning up several hours late for an appointment, even for a business meeting; in others, 3 p.m. means 3 p.m.
(b) Many North Americans and Europeans are used to having three mealtimes a day and organizing their timetable around them
(c) In some countries, on the other hand, people often do not have strict rules like thispeople eat when they want to, and every family has its own time table.
(d) When people visit or live in a country for the first time, they are often surprised at the differences that exist between their own culture and that in the other country.

The -s in beliefs, attitudes, customs, behaviors, habits, cultures, hours, Americans, Europeans, mealtimes, countries, rules, differences indicate the plural form, while people is the plural form person.
(f) They are often surprised at the differences that exist between their own and that in the other country.
(g) Many North Americans and Europeans are used to having three mealtimes a day and organizing their timetable around them.

In these sentences we find the words surprised, usedt. All of them are 'participle'. We can know that they indicate participle because of the suffix -ed that combine in that word e,g. surprise $+-\mathrm{d}=$ surprised, use $+-\mathrm{ed}=$ used.

## Derivational

(j) For example, in some cultures, being on time can mean turning up several hours late for an appointment, even for a business meeting; in others, 3 p.m. means 3 p.m.

In this example we find the suffix -ment. This suffix changes a verb into a noun meaning denoting process or result from verb. For example appint + ment $=$ appointment mean 'the result of appoint'.
(k) Even for a business meeting

The -ing in meeting is indicated as present participle as noun from thw word meet (v) + - ing $=$ meeting ( n )

## Text 24

The petroleum we obtain today was formed under the ground for many millions of years. In the past, small animals living in the sea sank to the seabed when they died. Layers of these creatures built up over millions of years, and the actions of heat, pressure and bacteria turned their bodies into petroleum. The petroleum spread through porous rocks until it came to impervious rocks. In this way pockets of petroleum were formed beneath the ground. Over many thousands of years, this land rose above the sea, and deposits of oil are now found on or near land.

Oil companies employ scientists to study rocks and discover where oil is likely to be found. If it seems likely that oil exist beneath their feet, they will drill a narrow hole to find out whether there is any oil. That may be unsuccessful; if a new field is being explored, there is one chance in nine of discovering petroleum.

## Inflectional

(a) The petroleum we obtain today was formed under the ground for many millions of years..
(b) Over many thousands of years, this land rose above the sea, and deposits of oil are now found on or near land.
(c) If a new field is being explored, there is one chance in nine of discovering petroleum.

The -ed in the formed, explored indicate the pats participle form while the word found which derive from the word find also indicate the participle meaning but it is not followed by -ed because it irregular form.
(d) In the past, small animals living in the sea sank to the seabed when they died.
(e) Layers of these creatures built up over millions of years, and the actions of heat, pressure and bacteria turned their bodies into petroleum
(f) The petroleum spread through porous rocks until it came to impervious rocks.
(g) In this way pockets of petroleum were formed beneath the ground.
(h) Over many thousands of years, this land rose above the sea, and deposits of oil are now found on or near land
(i) Oil companies employ scientists to study rocks and discover where oil is likely to be found.

The $-\mathrm{s} /$-es in underline word indicate the plural form.
(j) Layers of these creatures built up over millions of years, and the actions of heat, pressure and bacteria turned their bodies into petroleum

Build + past $=$ built, turn + -ed $=$ turned. Both of them are indicate the past form. The -ed is the mark of past form from the word turned then the past form of the word build is built. It is the exceptional verb.
(k) If it seems likely that oil exist beneath their feet, they will drill a narrow hole to find out whether there is any oil.

The $-s$ at the end of the verbs above are 'an agreement maker', it signifies that the subject of the verb is ' third person,' is' singular', and that the verb is in the present tense.

## Derivational

(1) Oil companies employ scientists to study rocks and discover where oil is likely to be found.

The word likely (adj) is derived of the word like (v). The suffix -ly makes an adjective meaning.
(m) That may be unsuccessful; if a new field is being explored, there is one chance in nine of discovering petroleum.

The word discover + -ing $=$ discovering. In this sentence the - ing which follow discover is indicated as present participle as noun. And in this sentence we also find the word that consists of both suffix and prefix in one word like; $u n+$ success $+-f u l=$ unsuccessful $(a d j)$. The $-u n$ has meaning ' not or the opposite, while the - ful 'having a particular quality'
(n) Oil companies employ scientists to study rocks and discover where oil is likely to be
found.

The -ist can be considered underspecified 'person having to do activity' like in scientists. While the -s which attach in the scientist is indicated as the plural form. .

### 4.2 Discussion

Based on the preceding description, it can be defined that affixation plays an important role in word formation in English.

English has three kinds of affixes namely prefix, suffix, and circumfix. No suffix in English. English prefix usually comes after the stem. Here suffix is categorized into two kinds, the first category as the inflectional suffix and the second category as the derivational suffix. The differences of them are; the inflectional suffix always attach to the end of the stem but they do not change the meaning and the grammatical function, on the contrary, derivational suffix which attach to the end of the steam sometime change the meaning and the grammatical function.

The other hand, there is English prefix. English prefix is part of the affix which attach before the stem. The characteristic of prefix have the same thing with the suffix which include derivation suffix. They can not stand alone; they change the meaning and the grammatical function.

English affixes also can be called as bound morphemes which are divided into two parts. They are inflectional and derivational morphemes. Inflectional morpheme is grammatical morpheme which never changes the syntactic category of the word or the meaning of part of speech. All of inflectional is suffix. While
derivational morpheme is the morpheme which change the meaning of part of speech and some time change the grammatical rule.

From the preceding description in each of the data presentation about English affixes, it can be conclude English affixes have various meaning, among them are "markers" such as noun marker, verb markers, adjective marker, or adverb marker.

From the data presentation above also we can conclude that the affixes which are used in reading comprehension are inflectional suffixes which contains of suffix /-ed/ indicates past which attaches to the verb, / -ed/ as past participle usually attach to the end of the verb III, /ing/ as present participle indicates progressive meaning and adjective meaning, $/-\mathrm{s} /$ indicates plural meaning, usually attaches to a noun, / -er/ as comparative morpheme attach to adjective, /-est/ as superlative morpheme attaches into adjective, /-'s/ as possessive attaches into adjective, and $/-\mathrm{s} /$ mark of third singular person. On the other sides there are derivational affixes, such as; prefix / re-/, /dis-/, /a-/, /in-/ all of them change the meaning of part of speech. The suffix such as; /-ion/ , /-er/, /-or/, / ly-/, / -ment/, /-al/, /-ed/, /-ful/, /-ive/, /-ty/, /-y/, /-ist/ , /- ity/, /-ing/, /-an/, and /- ancy/. Also there circumfixes which attach into the stem such as; / -multi-, inter- + stem $+-\mathrm{al} /$ and $/-$ multi + stem $+-\mathrm{al}+-\mathrm{ism} /$.

## CHAPTER V

## CONCLUSION AND SUGGESTION

This chapter presents the conclusion concerning the results of the analysis discussed in the previous chapter and suggestions based on the significance of this research.

### 5.1 Conclusion

Based on the analysis in the preceding chapter, the writer concludes that there are many kinds of affixes they suffix, prefix, and infix on the other hand, English does not have this one. Not all of the affixes attached into inflectional. Only suffix attaches into inflectional, while the suffix which follows inflectional is different with suffix or prefix which attached into derivational. Some characteristics which makes different are the inflectional suffix does not change the meaning of part of speech and also the grammatical rule, they are always attached to complete words as the marker of verb, the marker of noun, the marker of adjective, and the marker of adverb. And it is determined by the rules of syntax. Whereas, derivational morpheme are lexical rules of word formation, and it can change the syntactic category of the word.

The other cases which are more important from this study are that this study allows the writer many contributions in learning language, especially in understanding foreign language. There is a lot of information which the writer got after doing the research, among of them are the writer can know and understand well how to make a language communication can be understood easily either
written communication or spoken communication, how to choose the simple word for communication and how to use it well. In communication, in addition, the writer can know derivational word as syntactic rules or meaning from part of speech.

Many steps to make communication easily and understood the spoken and the written communication like reading text, story, magazine, and article, they are, first, knows the vocabularies or words on the text and the meaning of every word, but it is not efficient if we look for the meaning of each word on the dictionary, so that the second step will help us to master the vocabulary, it is know and master the morpheme or the word formation well.

### 5.2 Suggestion

After doing the analyzing the data, the writer has found that English has many kinds of affixes. They have an important role in determining the meaning of a word. Here, the writer suggests to whom wants to understand reading comprehensively and master the vocabularies ought to have good knowledge about English affixation. Furthermore, the future writers are suggested to conduct the similar subject of research, namely study morpheme focused on bound morphemes. The result of this study may facilitate the students, especially the students of UIN Malang who are interested in learning morphemes.

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Inflectional suffix
2006/2007 A-B
A. SUFFIX -ED shows the past tense meaning.

| No | Suffix -ed | Base | Derived word | Meaning | Sentence |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | -ed | Live (v) | Lived (v) | Past tense | She lived with her aunt and uncle. 4 |
| 2. | -ed | Want (v) | Wanted(v) | Past tense | They both wanted to go to America. 4 |
| 3. | -ed | Decide (v) | Decided(v) | Past tense | She decided to run way. 4 |
| 4. | -ed | Knock(v) | knocked(v) | Past tense | She knocked but no one answered |
| 5. | -ed | answer(v) | answered(v) | Past tense | , |
| 6. | -ed | ask(v) | asked(v) | Past tense | Doc, one of the dwarfs asked |
| 7. | -ed | lock(v) | locked(v) | Past tense | The old witch locked Hansel in a cage. 6 |
| 8. | -ed | plan(v) | planned(v) | Past tense | She planned to eat both. |
| 9. | -ed | cry(v) | cried(v) | Past tense | Each night the children cried and begged the witch to let them go. |
| 10. | -ed | beg(v) | begged(v) | Past tense | " |
| 11. | -ed | peep(v) | peeped(v) | Past tense | The stepmother peeped through the window. |
| 12. | -ed | pick(v) | picked(v) | Past tense | She picked up the broom leaning against the door and crept inside. |
| 13. | -ed | return(v) | returned(v) | Past tense | They returned to their home. |
| 14. | -ed | injure(v) | injured(v) | Past tense | The number of people injured the weekend earthquake in the central <br> Sulawesi capital of Palu reached 26. 10 |
| 15. | -ed | damage(v) | damaged(v) | Past tense | The earthquake, measuring 5,8 in the |


| 16. | -ed | report(v) | reported(v) | Past tense | opened Richter Scale, also damaged or destroyed hundreds of building. <br> Antara News agency reported on Saturday that most of the causalities were adults, injured by collapsing structures. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 17. | ed | place(v) | (v) | Past tense |  |
| 18. | ed | (v) | (v) | Past tense |  |
| 19. | ed | (v) | (v) | Past tense |  |
| 20. | ed | (v) | (v) | Past tense |  |
| 21. | ed | (v) | (v) | Past tense |  |
| 22. | ed | (v) | (v) | Past tense |  |
| 23. | ed | (v) | (v) | Past tense |  |
| 24. | ed | (v) | (v) | Past tense |  |
| 25. | ed | (v) | (v) | Past tense |  |
| 26. | ed | (v) | (v) | Past tense |  |
| 27. | ed | (v) | (v) | Past tense |  |
| 28. | ed | (v) | (v) | Past tense |  |
| 29. | ed | (v) | (v) | Past tense |  |
| 30. | ed | (v) | (v) | Past tense |  |
| 31. | ed | (v) | (v) | Past tense |  |
| 32. | ed | (v) | (v) | Past tense |  |
| 33. | ed | (v) | (v) | Past tense |  |


B. SUFFIX -ING shows the progressive meaning.

