

TECHNICAL INSTRUCTION DOCTORAL DISSERTATION WRITING

(for research proposal doctoral program)



**INSTITUT TEKNOLOGI BANDUNG
Graduate School
Juni 2017**

3 cm

x is a length (number of enter) with proportional comparison, adjusted title length. See the example.

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1 (before 0 pt, after 0 pt)

**WRITE YOUR RESEARCH PROPOSAL TITLE HERE
(TIMES NEW ROMAN, ALL IN CAPITAL LETTERS, FONT
NUMBER 14, BOLD, SINGLE SPACE)**

$2x$

RESEARCH PROPOSAL

$2x$

By
NAME OF STUDENT
Student ID: 39000001
(Doctoral Program in Management Science)

x



3,50 cm

2,35 cm

$1,5x$

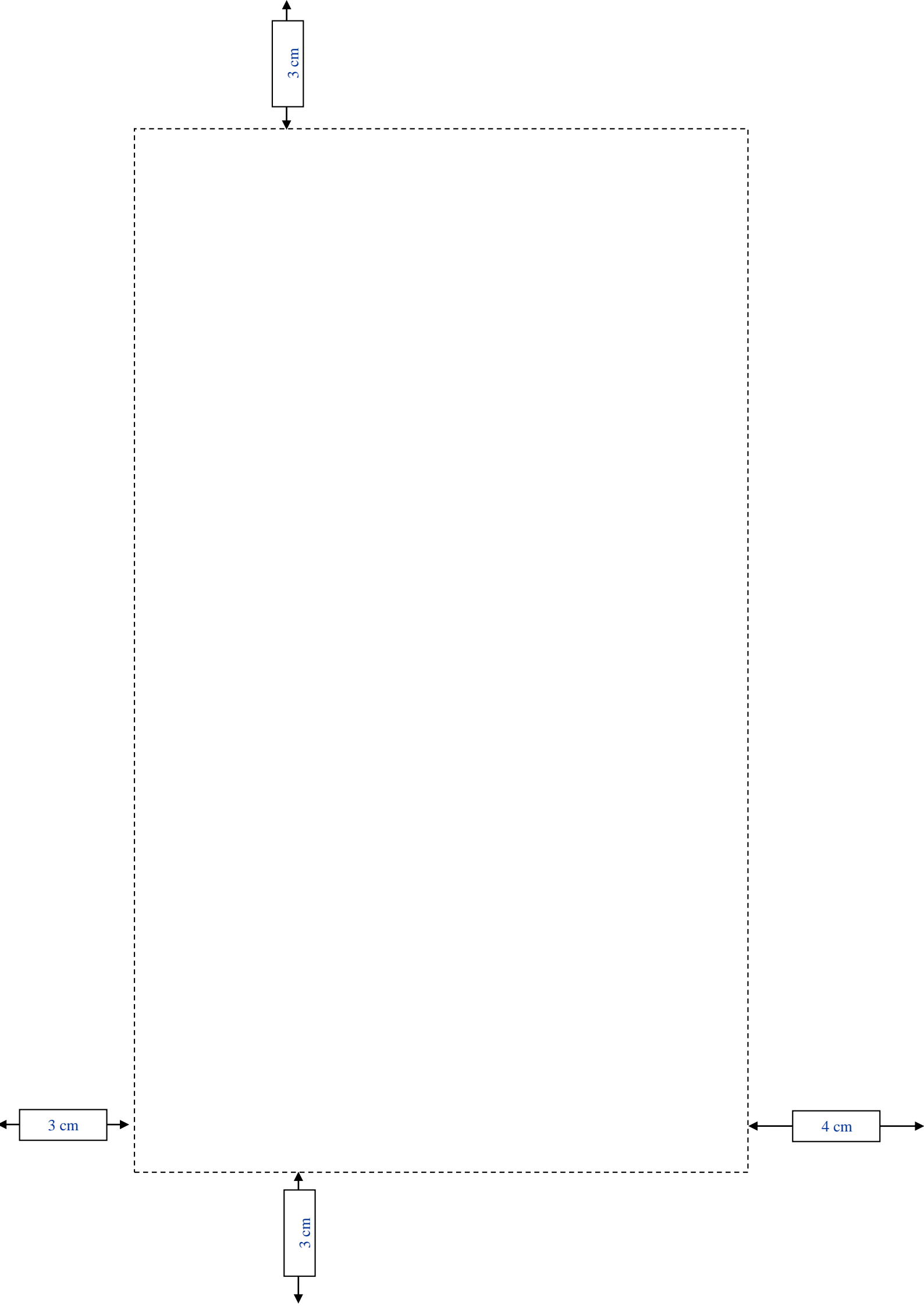
4 cm

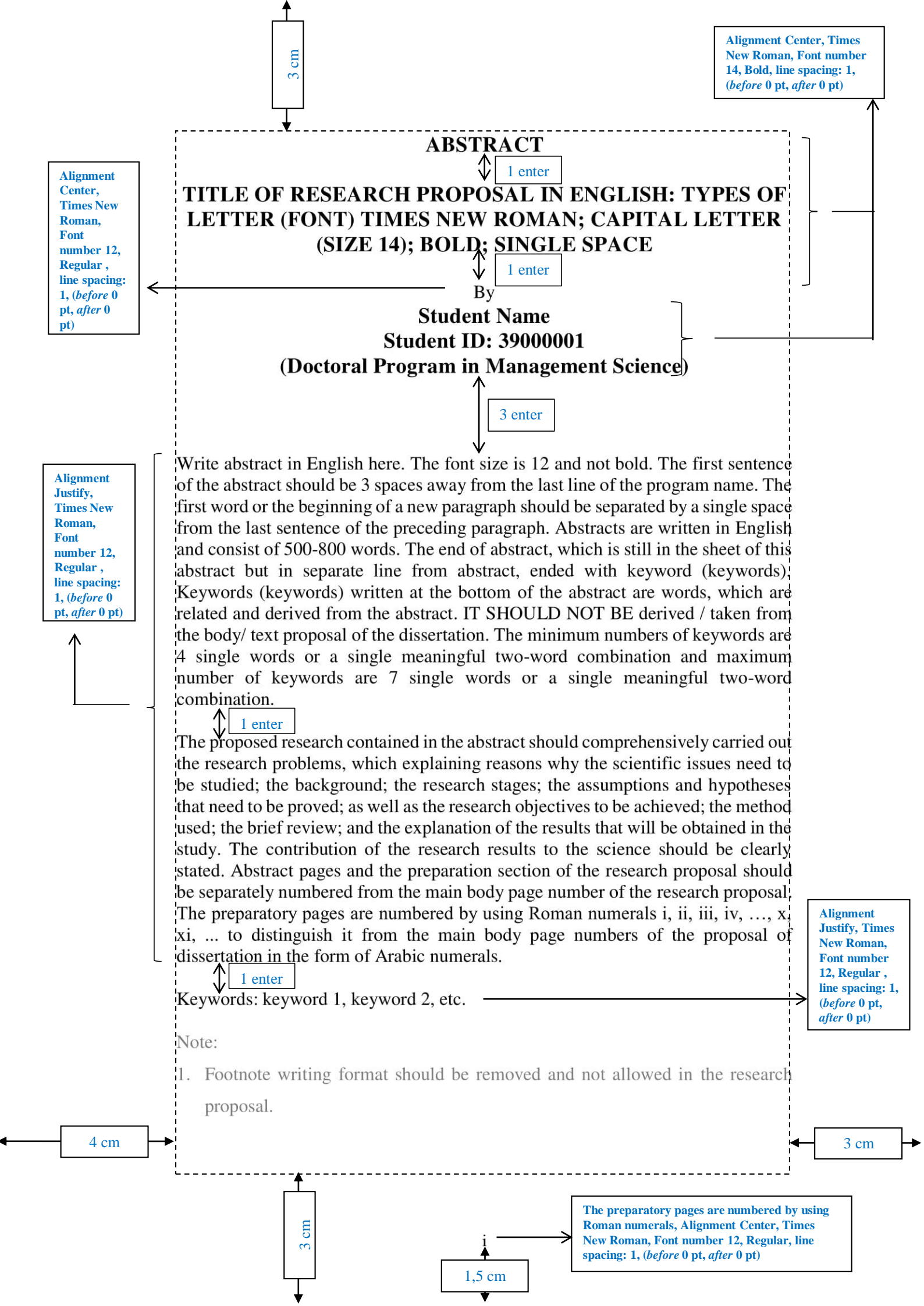
INSTITUT TEKNOLOGI BANDUNG
Month 2018

3 cm

3 cm

Month and year are located within, right above, the paper's margin





Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1, (before 0 pt, after 0 pt)

ABSTRACT

1 enter

TITLE OF RESEARCH PROPOSAL IN ENGLISH: TYPES OF LETTER (FONT) TIMES NEW ROMAN; CAPITAL LETTER (SIZE 14); BOLD; SINGLE SPACE

1 enter

By

Student Name

Student ID: 39000001

(Doctoral Program in Management Science)

3 enter

Write abstract in English here. The font size is 12 and not bold. The first sentence of the abstract should be 3 spaces away from the last line of the program name. The first word or the beginning of a new paragraph should be separated by a single space from the last sentence of the preceding paragraph. Abstracts are written in English and consist of 500-800 words. The end of abstract, which is still in the sheet of this abstract but in separate line from abstract, ended with keyword (keywords). Keywords (keywords) written at the bottom of the abstract are words, which are related and derived from the abstract. IT SHOULD NOT BE derived / taken from the body/ text proposal of the dissertation. The minimum numbers of keywords are 4 single words or a single meaningful two-word combination and maximum number of keywords are 7 single words or a single meaningful two-word combination.

1 enter

The proposed research contained in the abstract should comprehensively carried out the research problems, which explaining reasons why the scientific issues need to be studied; the background; the research stages; the assumptions and hypotheses that need to be proved; as well as the research objectives to be achieved; the method used; the brief review; and the explanation of the results that will be obtained in the study. The contribution of the research results to the science should be clearly stated. Abstract pages and the preparation section of the research proposal should be separately numbered from the main body page number of the research proposal. The preparatory pages are numbered by using Roman numerals i, ii, iii, iv, ..., x, xi, ... to distinguish it from the main body page numbers of the proposal of dissertation in the form of Arabic numerals.

1 enter

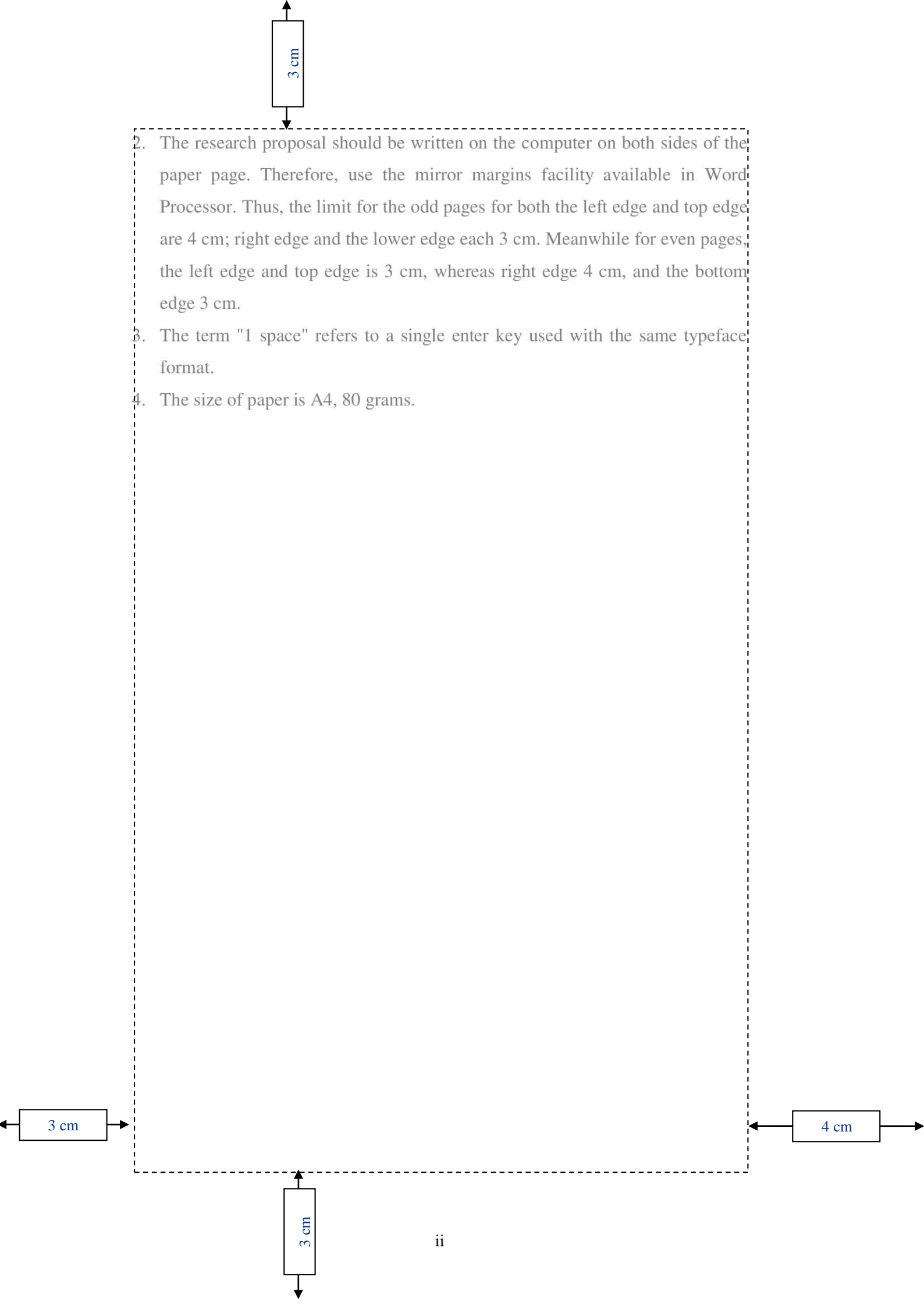
Keywords: keyword 1, keyword 2, etc.

Note:

1. Footnote writing format should be removed and not allowed in the research proposal.

Alignment Justify, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

The preparatory pages are numbered by using Roman numerals, Alignment Center, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

- 
- The diagram illustrates the margin requirements for a research proposal page. A central dashed rectangle represents the text area. Four dimension lines with arrows indicate the margins: a top margin of 3 cm, a bottom margin of 3 cm, a left margin of 3 cm, and a right margin of 4 cm. The text is numbered 2, 3, and 4.
2. The research proposal should be written on the computer on both sides of the paper page. Therefore, use the mirror margins facility available in Word Processor. Thus, the limit for the odd pages for both the left edge and top edge are 4 cm; right edge and the lower edge each 3 cm. Meanwhile for even pages, the left edge and top edge is 3 cm, whereas right edge 4 cm, and the bottom edge 3 cm.
 3. The term "1 space" refers to a single enter key used with the same typeface format.
 4. The size of paper is A4, 80 grams.

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1, (before 0 pt, after 0 pt)

3 cm

ABSTRAK

1 enter

WRITE THE TITLE OF YOUR RESEARCH PROPOSAL IN BAHASA INDONESIA HERE (TIMES NEW ROMAN, ALL IN CAPITAL LETTER, FONT SIZE 14, BOLD, SINGLE SPACE)

1 enter

Oleh

Student Name

NIM: 39000001

(Program Studi Doktor Sains Manajemen)

3 enter

Alignment Center, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

Alignment Justify, Times New Roman, Font number 12, italic, line spacing: 1, (before 0 pt, after 0 pt)

Write abstract in Bahasa Indonesia here. The font size is 12 and not bold. The first sentence of the abstract should be 3 spaces away from the last line of the program name. The abstract content, which is an Indonesian translation of the abstract in English language, is printed in size 1; not bold; and in italic form. The first word or the beginning of a new paragraph is separated by a single space from the last sentence of the preceding paragraph. Abstract are written in Indonesian and consist of 500-800 words. The end of abstract, which is still in the sheet of this abstract but in separate line from abstract, ended with keyword. Keywords written at the bottom the abstract are words which are related and derived from the abstract, and **SHOULD NOT BE** derived / taken from the body / text Research Proposal. The minimum numbers of keywords are 4 single words or a single meaningful two-word combination and maximum number of keywords are 7 single words or a single meaningful two-word combination.

1 enter

Abstract pages and the preparation section of the research proposal should be separately numbered from the main body page number of the research proposal. The preparatory pages are numbered by using Roman numerals i, ii, iii, iv, ..., x, xi, ... to distinguish it from the main body page numbers of the proposal of dissertation in the form of Arabic numerals.

1 enter

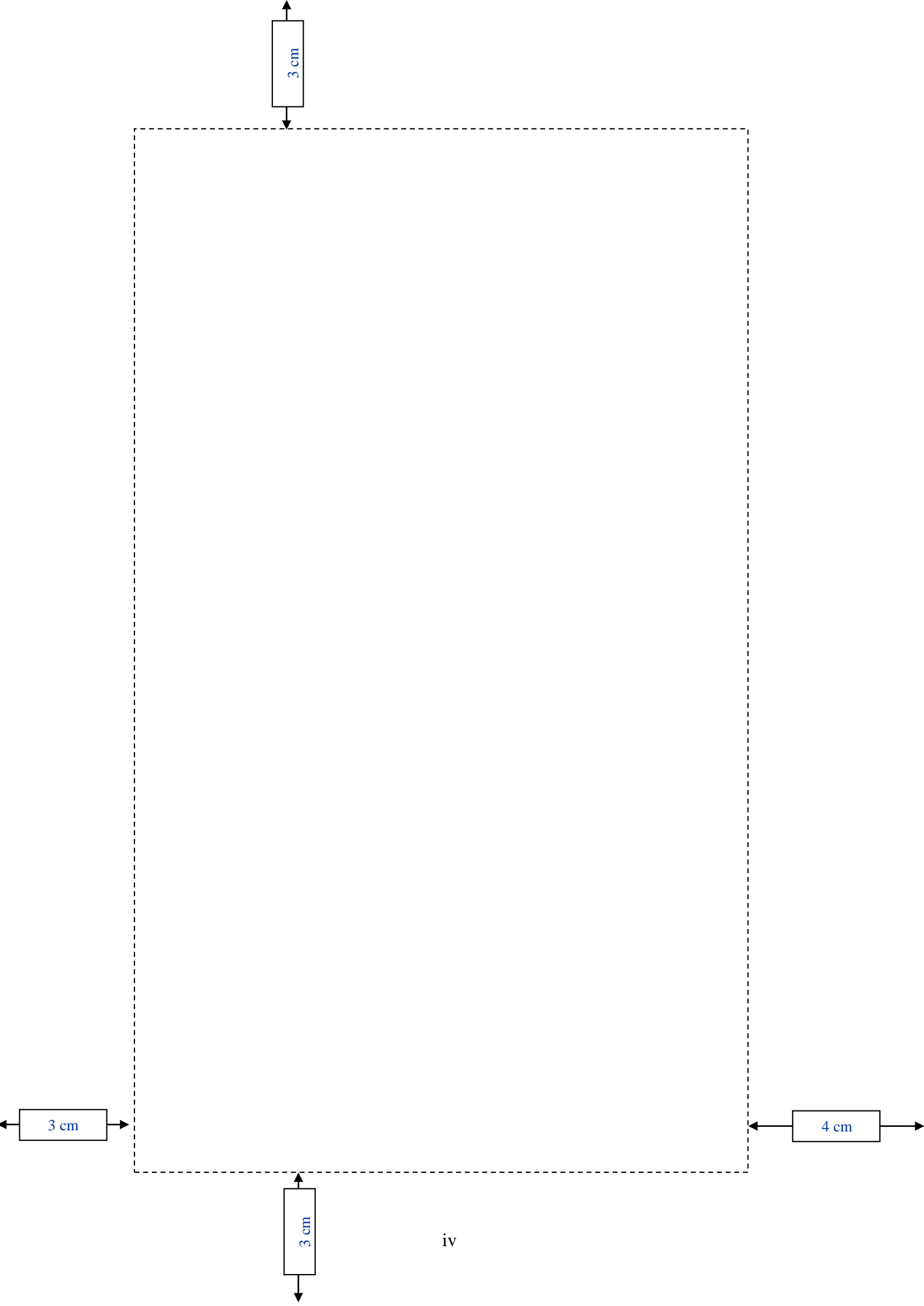
Keywords: keyword 1, keyword 2, etc.

Alignment Justify, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

4 cm

3 cm

3 cm



The distance between sections is not fixed. Try to write it on one page.

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1, (before 0 pt, after 0 pt)

Alignment Center, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

Alignment Center, Times New Roman, Font number 12, Bold, line spacing: 1, (before 0 pt, after 0 pt)

Alignment Center, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

TITLE OF RESEARCH PROPOSAL: FONT TIMES NEW ROMAN; CAPITAL LETTER (SIZE 14); BOLD; SINGLE SPACE

2 enter

By

Name of Student

Student ID: 39000001

(Doctoral Program in Management Science)

Institut Teknologi Bandung

3 enter

Approved
Promotor Team

Date

1 enter

Promotor

3 enter

(Name of Promotor)

2 enter

Co-Promotor I

3 enter

Co-Promotor II

3 enter

Name of Co-Promotor I)

(Name of Co-Promotor II)

Note:

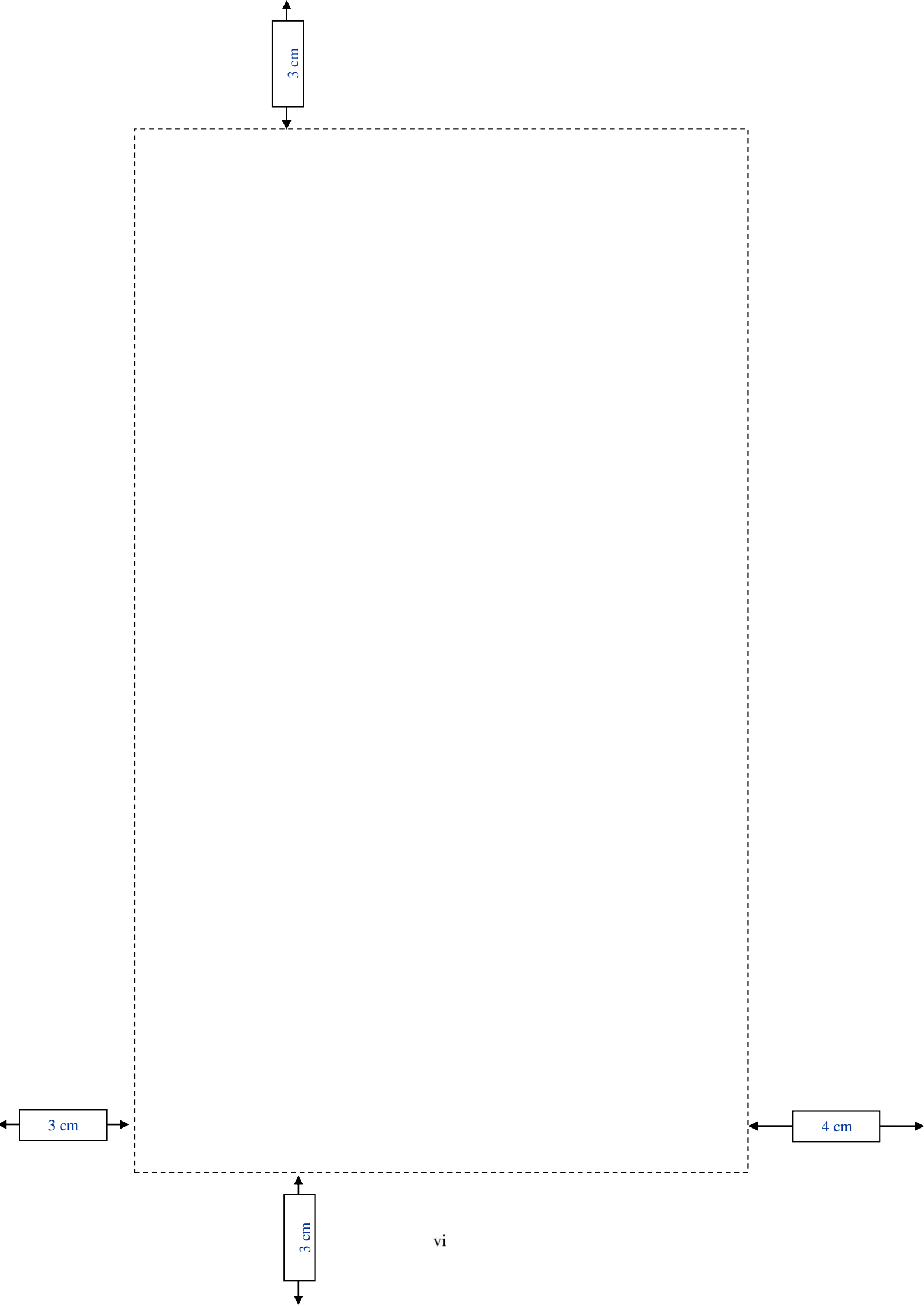
1. The example of format writing of date: 2 March 2017.
2. The date of approval is referred to the promotor's approval upon the final revision.

EXAMPLE OF APPROVAL PAGE if you have three promotor. Example of approval page with two promotor is available in Appendix A

4 cm

3 cm

3 cm



Alignment Justify,
Times New Roman,
Font number 12,
Regular and Italic,
line spacing: 1,5,
(before 0 pt, after 0
pt)

Alignment Center, Times New
Roman, Font number 14, Bold, line
spacing: 1,5, (before 0 pt, after 0 pt)

FOREWORD

1 enter

The introduction page is printed on a new page. On this page, the Doctoral students may have the opportunity to express their gratitude in writing to other mentors and or individuals who have provided guidance; advise and critics; as well as to those who have assisted in conducting the research; whether individuals or bodies that have provided financial assistance, and so forth.

1 enter

In the forewords, authors may use all kinds of writing varieties. However it is advisable to keep it in a standard written sentences. Acknowledgments should be made in excessive and limited only to the "scientifically related".

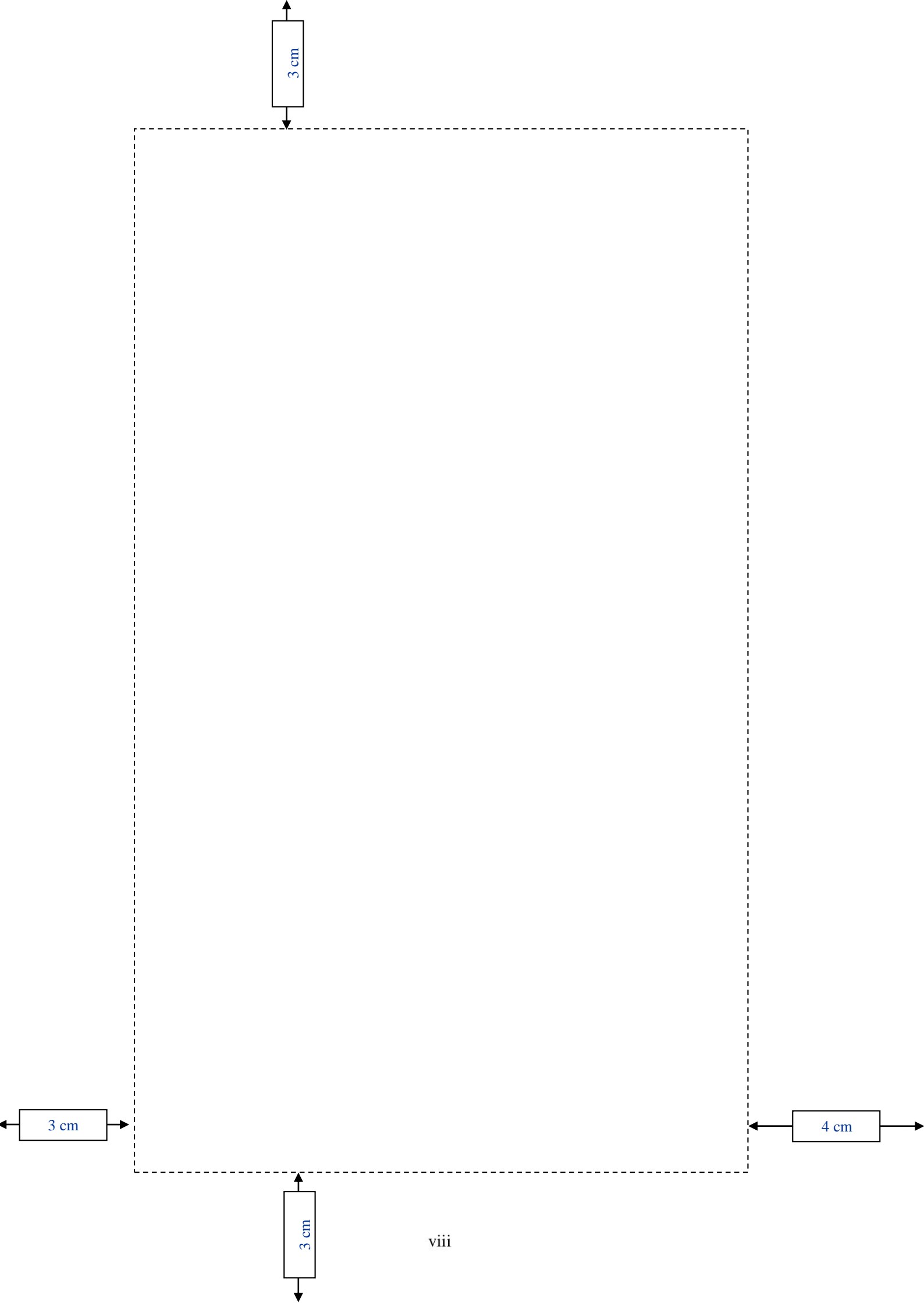
Note:

Foreword is optional.

4 cm

3 cm

3 cm



Alignment Justify,
Times New
Roman, Font
number 12,
Regular, line
spacing: 1, (before
0 pt, after 0 pt)

3 cm

Alignment Center, Times
New Roman, Font number
14, Bold, line spacing: 1,5,
(before 0 pt, after 0 pt)

TABLE OF CONTENTS

2 enter

ABSTRACT	i
ABSTRAK	iii
APPROVAL	v
FOREWORD	vii
TABLE OF CONTENTS	ix
LIST OF APPENDICES	xi
LIST OF FIGURES	xiii
LIST OF TABLES	xv
LIST OF ABBREVIATIONS AND SYMBOLS	xvii
Chapter I Procedure to Write Introduction	1
I.1 How to Write Background	1
I.2 How to Write References	2
Chapter II Procedure to Write Chapters in Research Proposal	3
Chapter III Procedure to Write Subchapter Etc.	5
III.1 Please Write down the Title of Subchapter	5
Chapter IV Example of Formatting Title of Subchapter Which Consists of More than One Line	7
IV.1 Example of Writing Subchapter Which Consists Words of More than One Line	7
IV.1.1 Example of Numbering and Locating Title of Sub subchapter	7
IV.1.2 Example of Numbering and Locating Title of Sub subchapter	7
IV.1.3 Example of Numbering and Locating Title of Sub subchapter	7
REFERENCES	11
APPENDICES	13

Note:

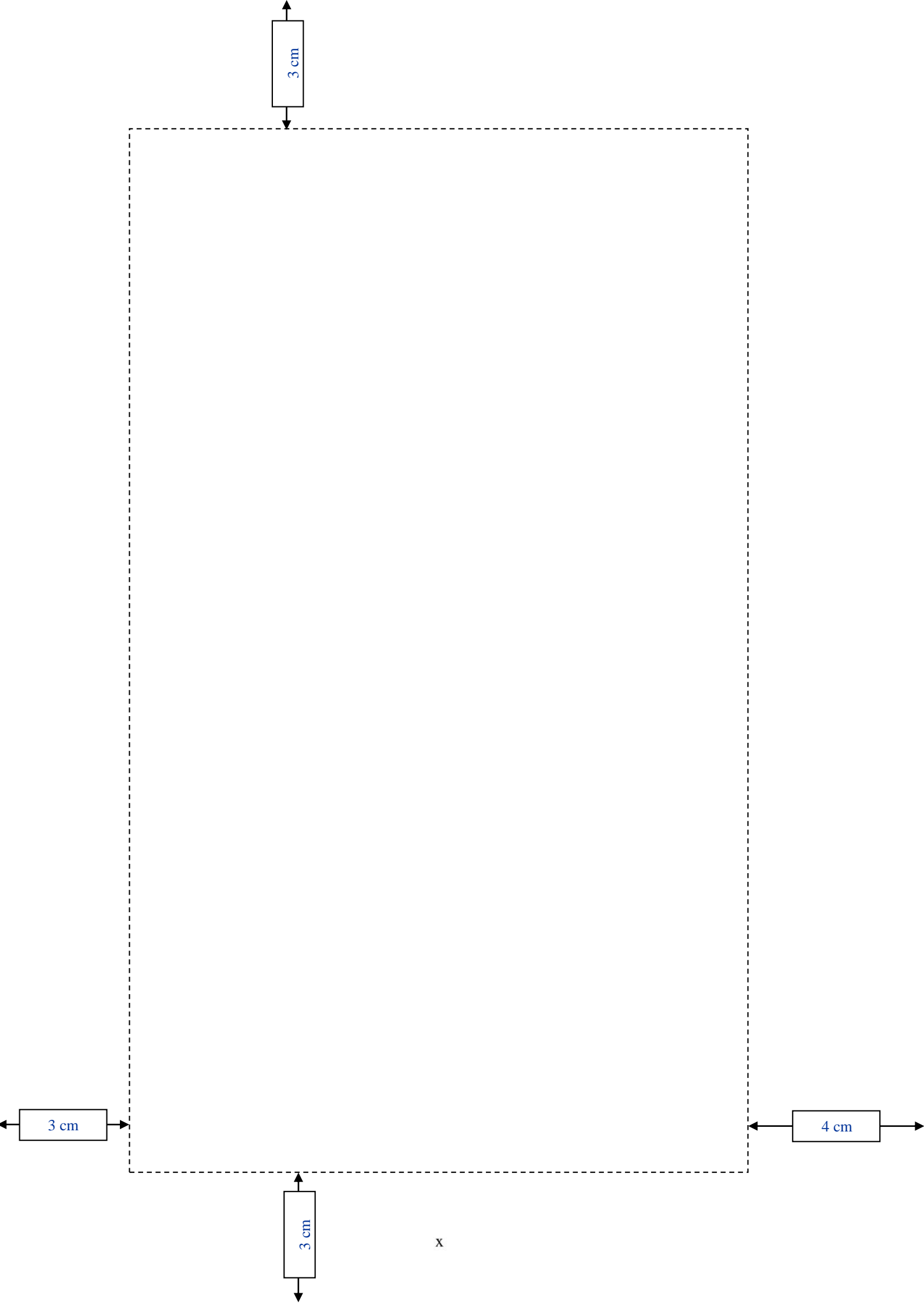
The size of letter is 12, not bold, and the line spacing is single. The table of contents contains one page or more. Table of contents is preferably be automatically formatted by the Word Processor by using the function of Style for Title, Subtitle, Heading 1, Heading 2, and so on. Afterward, it is formatted as example above.

Please refer to the outline of Research Proposal as suggested by ITB Doctoral Program.

4 cm

3 cm

3 cm



Alignment Justify, Times New Roman, Font number 12, Regular, line spacing: 1, (*before* 0 pt, *after* 0 pt)

3 cm

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1,5, (*before* 0 pt, *after* 0 pt)

LIST OF APPENDICES

2 enter

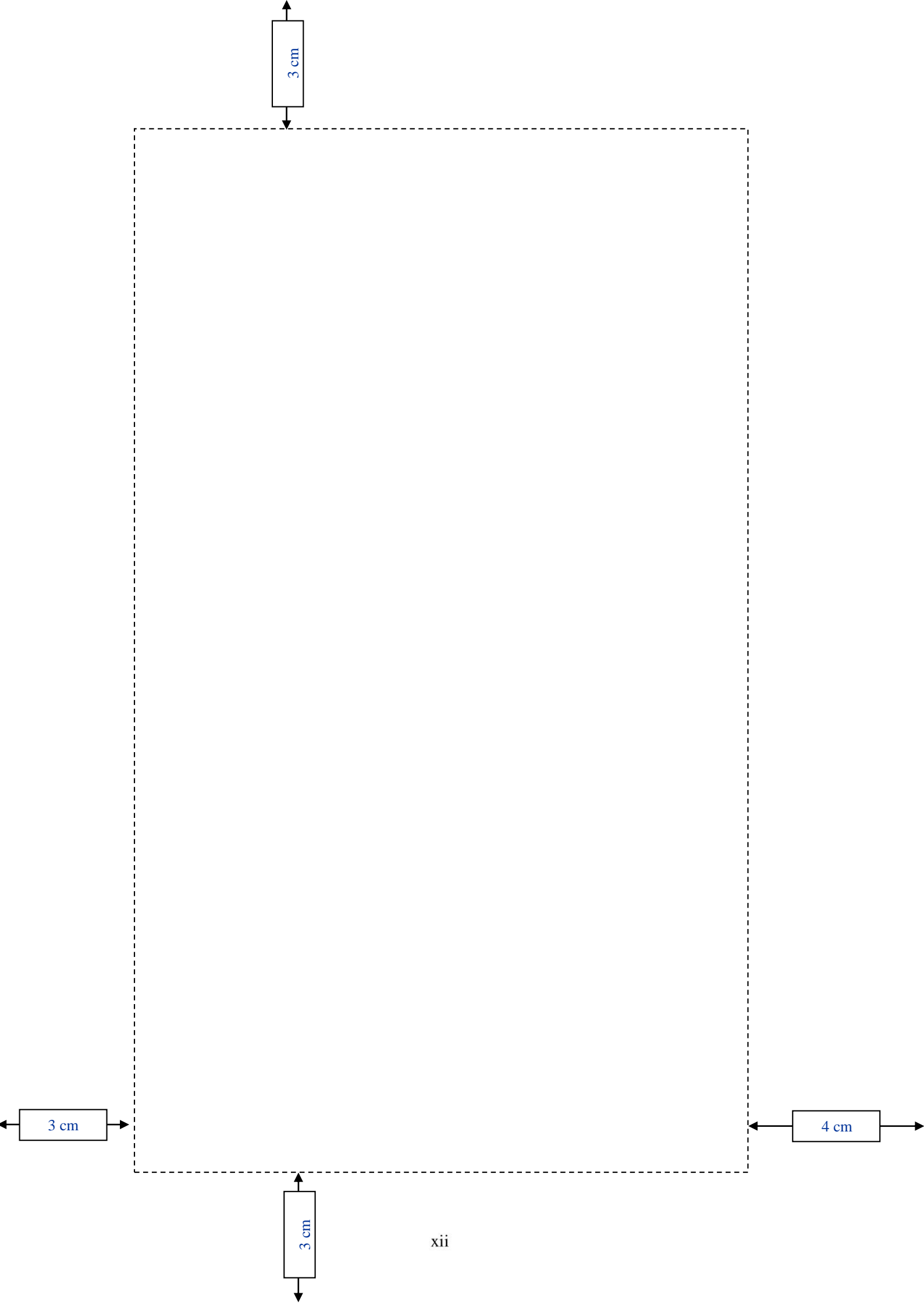
Appendix A	Example of Approval Page Contains Two Promotors.....	15
Appendix B	Example of Research Timeline.....	16
Appendix C	Please Write the Title of the Appendix.....	18
	C1. Please Write the Title of the Sub Appendix.....	18
	C2. Please Write the Title of the Sub Appendix.....	18
Appendix D	Example of Margin for Odd Pages (if the Research Proposal is Printed on Both Sides).....	19
Appendix E	Example of Margin for Even Pages (if the Research Proposal is Printed on Both Sides).....	20
Appendix F	Example of Research Proposal Cover and Binding.....	21

Note: The List of Appendices contains one page or more. The List of Appendices is preferably be automatically formatted by the Word Processor by using the function of Style for Reference and Subtle Reference. Henceforth, it should be formatted as the example provided above.

4 cm

3 cm

3 cm



Alignment Justify, Times New Roman, Font number 12, Regular, line spacing: 1, (before 0 pt, after 0 pt)

3 cm

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1,5, (before 0 pt, after 0 pt)

DAFTAR GAMBAR DAN ILUSTRASI

2 enter

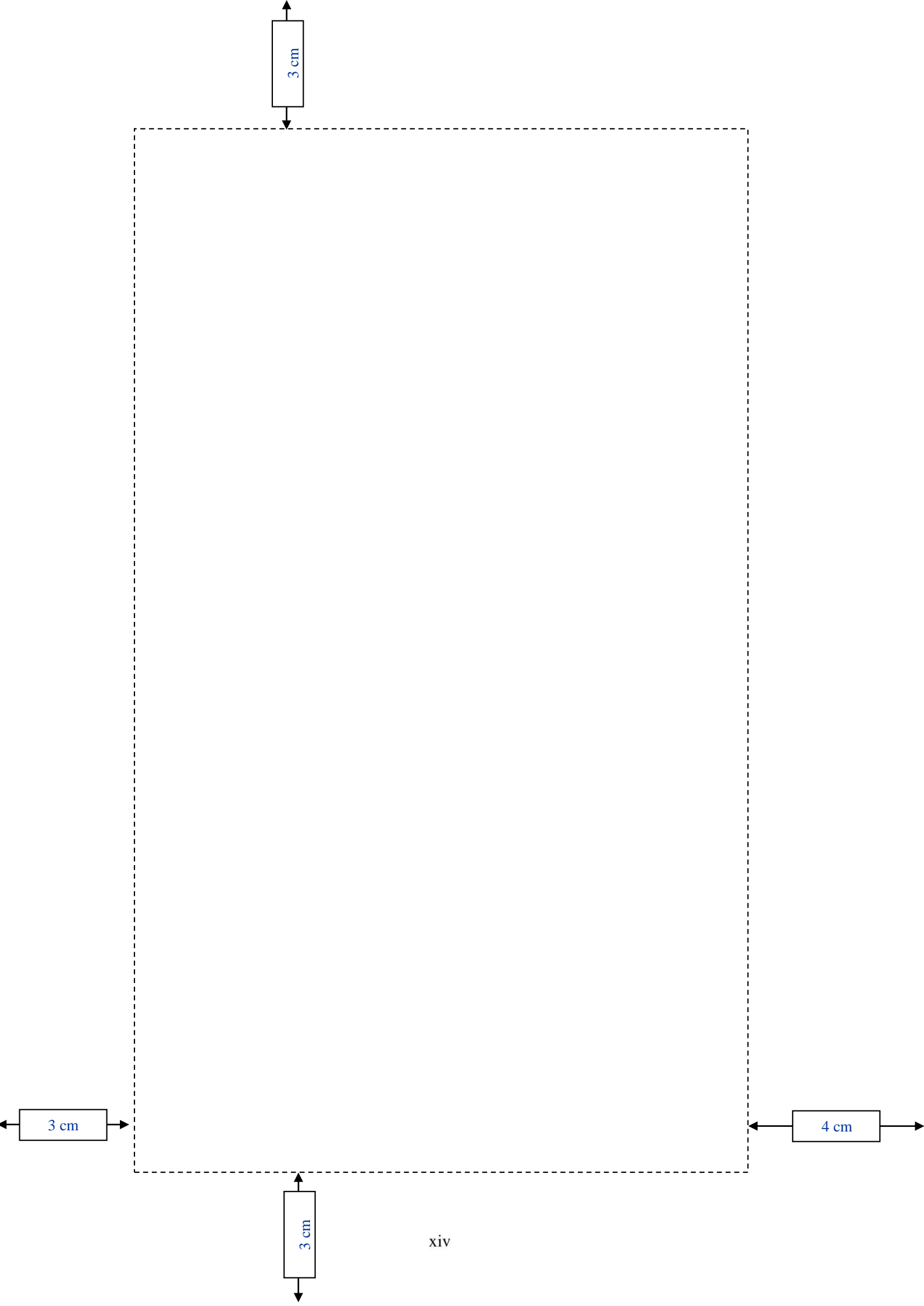
Figure II.1	Example on how to write an image title that does not exceed one line	4
Figure III.1	Example of the title of the figure that has several parts (a) the first subfigure title, (b) the second subfigure title, and (c) the third subfigure title.	6
Figure IV.1	The relationship between dried weight straw and Cu straw wheat plant that be planted at two experimental temperature for 6 weeks.	8
Figure IV.2	The separation of two dimensions of phospholipid essence from human erythrocytes. Solvent: chloroform - methanol - light oil- water (8:8:6:1) in the first dimension and acetone – chloroform-methanol-water (8: 6: 2: 2: 1) in the second dimension (Last name of author, Year).	9

Note: The List of Figures and Illustrations contains one page or more. The List of Figures and Illustrations is preferably be automatically formatted by the Word Processor by using the function of Style for Figure. Henceforth, it should be formatted as the example provided above.

4 cm

3 cm

3 cm



Alignment Justify, Times New Roman, Font number 12, Regular, line spacing: 1, (*before 0 pt, after 0 pt*)

3 cm

Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1,5, (*before 0 pt, after 0 pt*)

LIST OF TABLES

2 enter

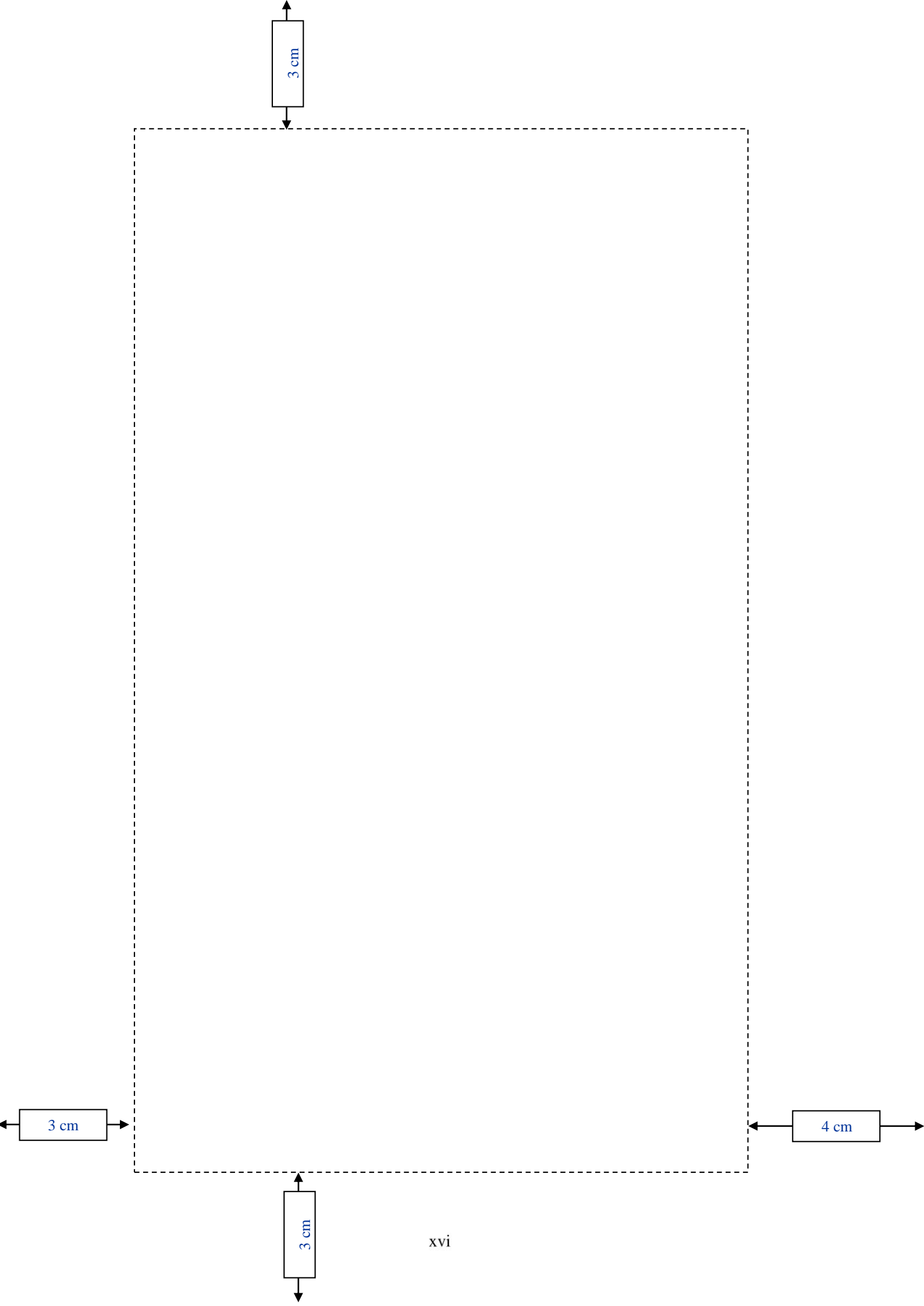
Table III.1	The value of objective function.....	6
Table III.2	The Condition of rice in North Sumatra in 3 years (1969 - 1971) :(Last name of author, Year)*.....	6

Note: The List of Tables contains one page or more. The List of Tables is preferably be automatically formatted by the Word Processor by using the function of Style for Table. Henceforth, it should be formatted as the provided example above.

4 cm

3 cm

3 cm



LIST OF ABBREVIATIONS AND SYMBOLS			Alignment Center, Times New Roman, Font number 14, Bold, line spacing: 1,5, (before 0 pt, after 0 pt)
2 enter			
ABBREVIATIONS	Name	Page of initial usage	
AMR	Adaptive Mesh Refinement		
CT	Computed Tomography		
DSV	Singular Value Decomposition		
HPLC	High Performance Liquid Chromatography	9	Located in the centered of this column
MEH	Finite Element Method		
MEHA	Adaptive Finite Element Method		
NMR	Nuclear Magnetic Resonance	9	
PCR	Polymerase Chain Reaction	9	
RCBM	Model-Based Image Reconstruction		
Tm	Terameter		
TO	Optical Tomography		
TOF	Fluorescence Optical Tomography		
AMR	Adaptive Mesh Refinement		
1 enter			
SYMBOLS			
1 enter			
A	Constant on tension relationship		
A _l	Symbol example		
A _o	Amplitude of exit light signal		
A _i	Amplitude of entry light signal		
a	Photon on one element's density vector		
a ₁	Speed		
a _{ij}	Variable reaction function in differential equation coefficient		
b	Wave propagation basic equation		
c	The speed of light	5	
c ₀	Specific body force		
f	The probability density function	5	
I _h	The irradiance of scattering light		
I _m	The irradiance of incident light		
L	The radiance	5	
N	Node number		
n	Light spread area's form variable	5	
n ₁	The refractive index of the medium		
n ₂	The refractive index of the object		
ñ	Normal field vector against αΩ field		
Q	The photon power injected per unit volume	5	
r	Position	5	
4 cm			3 cm
3 cm			
xvii			

SYMBOLS	Name	Page of initial usage
\hat{S}^{n-1}	Light spread area	5
\hat{s}	Light-emitting areas	5
t	Time	5
α	The angle between the incident and scattered light	
α_1	First interal variable	
α_2	Second interal variable	
δ	Viscosity coefficient	
θ_a	The angle between the incident propagation direction and the normal to the interface	
θ_b	The angle between the refracted propagation direction and the normal to the interface	
λ	Wavelength	
μ_a	The absorption coefficient	5
μ_s	The scattering coefficient	
Ω	The domain object	5

Notes: Due to the nonexistence of the abbreviations and symbol in the dissertation draft templates, not all of the examples of list of abbreviation and symbol above are given the page number. Therefore, inside the Research Proposal draft all abbreviations and symbols used must be written in this list. The abbreviation and symbol list pages are written on a new page. The line of words on the abbreviation list page and the symbol are spaced apart. This page contains abbreviations of terms, units and symbols of variables / numbers (written in the first column), variable names and full name names written on the back of the emblem and abbreviation (written in the second column), and the page number where the symbolic abbreviation appears for the first time written in the third column).

The abbreviations and symbols in the first column are sorted in Latin alphabet. Capital letters followed by their lowercase letters and then followed by symbols written in Greek letters that are also sorted according to the Greek alphabet. The variable name/ quantity or the name of the term in the second column is written in lowercase; except the first letter, which should be written in capital letters.

Text:
Alignment
Justify, Times
New Roman,
Font number
12, Regular,
line spacing:
1,5, (before 0
pt, after 0 pt)

3 cm

Alignment Center,
Times New Roman, Font
number 14, Bold, line
spacing: 1,5, (before 0 pt,
after 0 pt)

Chapter I Procedure to Write Introduction

1 enter

Write the opening paragraph here (if any). The chapter title of the introduction (size 14, bold), written in lowercase except the first letter, is printed parallel to Chapter I without the full stop at the end of the last letter and placed symmetrically (centered) on the page. The main body of the proposed research consists of the introduction, which is the first chapter; the literature review, which is the chapter of the main content chapter of the research proposal; including the research schedule as well as the novelty and originality. The introductory chapter contains at least (details in sub chapters) the following:

1. Background and descriptions of the problem;
2. Purposes, objectives, scopes, and limitations of the problem;
3. Statement of problem and research questions;
4. Research approach and methods used;
5. Assumptions;
6. Hypotheses;
7. Novelty and originality.

1 enter

Subchapters
title: Alignment
Justify, Times
New Roman,
Font number
12, Bold, line
spacing: 1,5,
(before 0 pt,
after 0 pt)

1.1 How to Write Background

The paragraphs on the research proposal do not contain indentations. Therefore, the first letter of the new paragraph starts from the left margin of the script. Put a blank line of 1.5 spaces and 12-letter size to separate the first line of the new paragraph from the last line of the preceding paragraph.

1 enter

Do not start a new paragraph on the bottom of the page unless there is enough space for at least two lines. The last line of a paragraph should not be placed on the next new page. Leave the last line at the bottom of the current page. Otherwise, you should have to edit the paragraph to fit in the same page. Paragraph should contains one main idea / thought that composed of several sentences. Therefore, avoid paragraph that consists only one sentence.

4 cm

3 cm

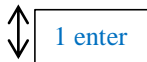
3 cm

1,5 cm



I.2 How to Write References

For more than two writers / authors, the first author's name is written, followed by et al., then the year of publication. For example "Kramer et al. (2005) states that hominid tooth fossils have been found by his team in Ciamis. They are the first hominid fossils found in West Java". Moreover, it is acceptable to paraphrase sentences as it can also be written first followed by the citations (Name of Author, Year).



All references listed must be properly referred in the research proposal text, vice versa. The use of footnotes to indicate referrals is strongly discouraged as it has to be described in the research proposal text.

How to write references on sentences that are adapted, are as follows

References written by 1 person: "(Hill, 2007)"

References written by more than two people, accompanied by the referenced page number of the book: "(Baker et al., 1998: 23-25)"

1 reference written by two people: "(Gao and Zhao, 2009)"

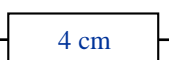
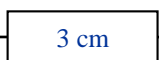
2 references with different number of authors: "(Hill, 2007 and Krammer et al., 2005)"

2 references that are written by more than 2 persons: "(Kramer et al, 2005 and Kumai et al., 1985)"

2 references that are written by the same main author, but published at different times: "(Culver et al., 2003a and 2003b)"

More than 2 references: "(Hill, 2007; Kramer et al., 2005; Gao and Zhao, 2009)"

How to write references in the sentence: "... research results of Wijaya (1996)"





Chapter II Procedure to Write Chapters in Research Proposal



1 enter

Each new chapter should start with an odd numbered page. Use the “Page Break” facility in Microsoft word to add a blank page if the last paragraph of a chapter is on the odd page.



1 enter

The literature review chapter covers the flow of thought and scientific development in the topic of study. Essentially, the research results of a researcher is not a new discovery that stands alone but something that is related to the results of previous researches. The literature review should be elaborating the results of previous researchers with the problems studied by doctorate students in such way that provides an overview of the development of knowledge underlying the writing of research proposals. The literature review shows the expertise of doctorate students in the fundamental science related to the issues reviewed. Therefore, the literature review is NOT a description of common methods and / or basic theoretical that will be used.



1 enter

The literature review should be arranged in accordance with the order of the development of the knowledge. The literature review also contains reviews of the references and demonstrates why and how the student chooses the topic of study. The literature review can be inserted into the contents of the chapter (in accordance with the requirements of writing and principle in each discipline of science) and should not be written in separate chapter.



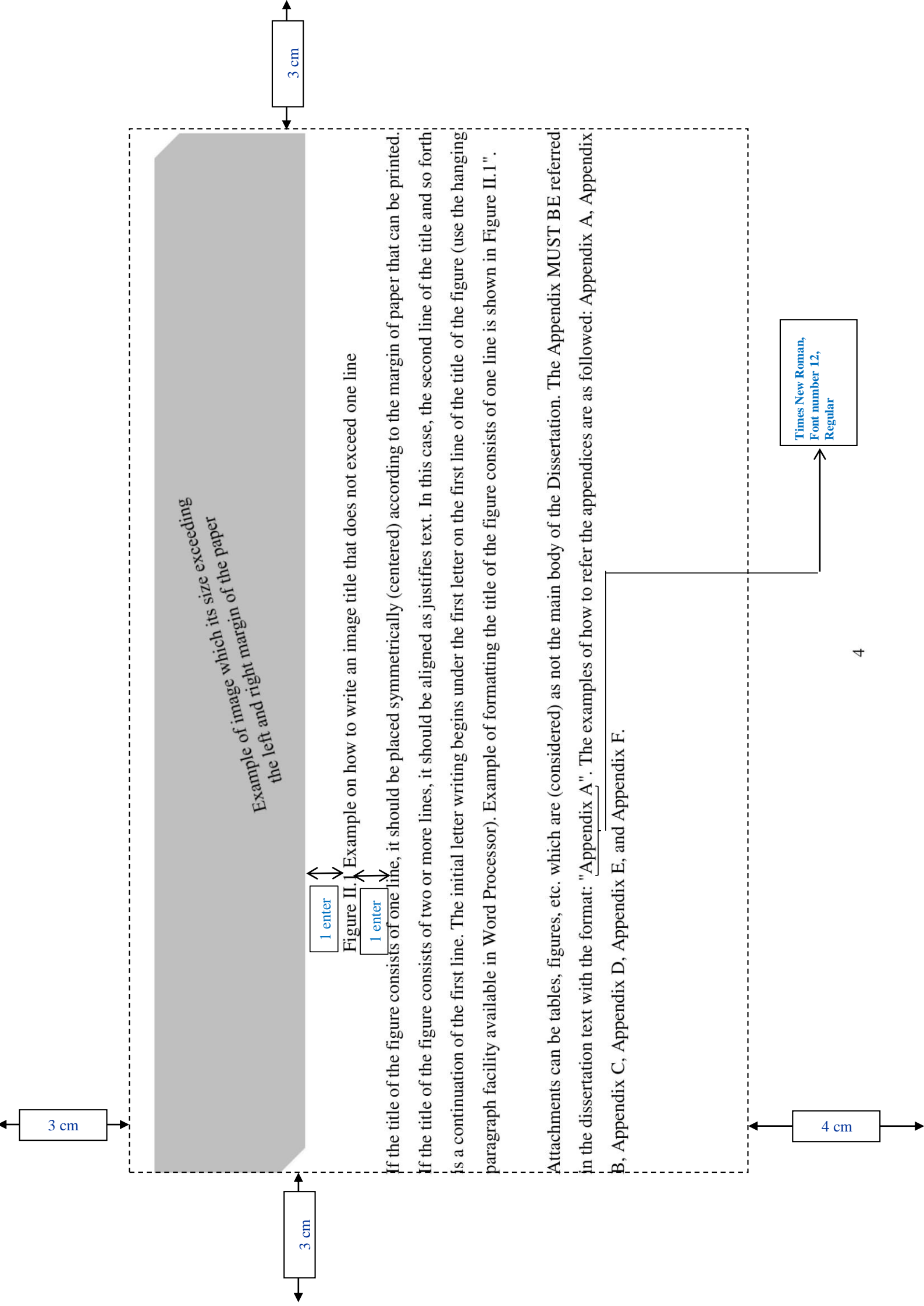
4 cm



3 cm



3 cm



New chapter
should be write
on the new page.

3 cm

Chapter III Procedure to Write Subchapter Etc.

1 enter

III.1 Please Write down the Title of Subchapter

The title of the chapter can be directly followed by the title of the subchapter. It is not allowed to sequentially write title of the chapter, title of subchapter, and title of sub subchapter. Insert at least 1 (one) paragraph between the title of the chapter and the title of the sub chapter or between title of the sub chapter and title of the sub subchapter.

1 enter

Example of writing a long equation, the cuts will be done on the sign of arithmetic operation or equal sign. It does not need all the equations to be numbered. The equation number is placed in the lower right corner as follows:

$$\frac{1}{c} \frac{\partial L(r, \hat{s}, t)}{\partial t} + \hat{s} \cdot \nabla L(r, \hat{s}, t) + (\mu_a + \mu_s) L(r, \hat{s}, t) = \mu_s \oint_{\hat{S}^{n-1}} L(r, \hat{s}', t) f(\hat{s}, \hat{s}') d\hat{s}' + Q(r, \hat{s}, t), \quad r \in \Omega \subset R^n, \hat{s} \in \hat{S}^{n-1} \quad (\text{III.1})$$

Alignment
left, the cut
should be
done on the
sign of
arithmetic
operation or
equal sign.
The equation
number is
placed in the
lower right
corner.

The
continuation
paragraph
(without
enter).

where:

c = the speed of light

r = position

and so on.

1 enter

The
continuation
sentence
should be
written using
lowercase
font.

Write a new paragraph here by adding 1 line space. Each new paragraph should consist of several sentences. The explanation of the symbol used in the equation can be written in the form of sentence e.g. the radiance is represented by the symbol L , \hat{s} is the vector of light travel and so on or in bullet points.

1 enter

Examples of short writing are as follows:

$$L(r_b, \hat{s}, t) = L_o(r_b, \hat{s}, t), (r_b, \hat{s}) \in \partial\Omega \times \hat{S}^{n-1}, \text{ jika } \hat{s} \cdot \hat{n} < 0 \quad (\text{III.2})$$

the continuation sentence, which is not a new paragraph, should be written without adding line space between the equations and the continuation sentence.

4 cm

3 cm

3 cm

Each figure in the research proposal text is numbered and should be referred to the body text of the research proposal. Figure III.1 shows examples of the formatting the title of the figure with a description of components a, b, and c in the figure.

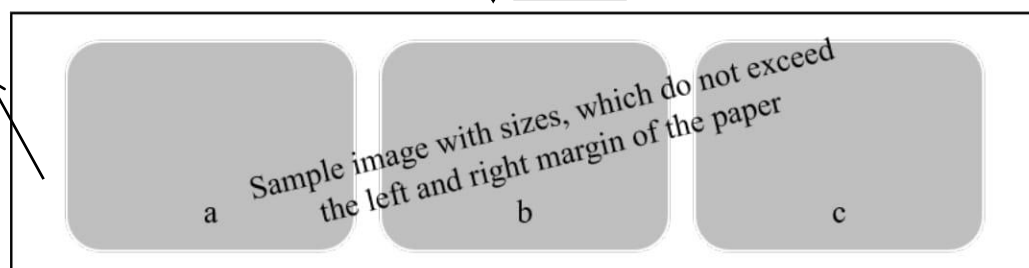


Figure III.1 Example of the title of the figure that has several parts (a) the first subfigure title, (b) the second subfigure title, and (c) the third subfigure title.

Examples of short table title and figure format are shown in Table III.1:

Table III.1 The value of objective function.

Object	Objective Function
1	2.44×10^{-6}
2	2.90×10^{-4}
3	2.87×10^{-5}

Table III.2 The Condition of rice in North Sumatra in 3 years (1969 - 1971) (Last name of author, Year)*.

Year	Rice production (Tonnes)	Rice Consumption ^a (Tonnes)	Import of Rice ^b (Tonnes)
1969	676.60	731.75	70.60
1970	691.65	748.87	40.51
1971	755.56	789.10	46.27

- a. People Agriculture Office, North Sumatera Province.
b. Export-import realization and list of export of goods development of North Sumatra, the North Sumatra Province Ministry of Trade representatives, page 14.

* Note: if the table is quoted from a paper or book then it is necessary to write the name of the author / writer, agency, or other sources.

**Chapter IV Example of Formatting Title of Subchapter Which
Consists of More than One Line**

1 enter

The title of the chapter cannot be directly followed by the title of the subchapter; there must at least a paragraph explaining the whole chapter (you have to insert the sentence between the title of the chapter and the title of subchapter). Insert at least 1 (one) paragraph between the title of the chapter and the title of the sub chapter.

1 enter

IV.1 Example of Writing Subchapter Which Consists Words of More than One Line

Example of writing subchapter title which consists words of more than one line

Examples of title of chapters and subchapters that consist of more than one line are shown in the chapter titles IV and chapter IV.1. The last line of the title of the chapter **shall not** be directly followed by the title of sub chapter (without inserting the sentence between the title of chapter and the title of sub chapter). Moreover **it is not allowed** to sequentially write the **title of chapter**, **the title of sub chapter**, and **the title of sub subchapter** without inserting the sentence between those three. Insert at least 1 (one) paragraph between title of the sub chapter and title of the sub subchapter.

1 enter

IV.1.1 Example of Numbering and Locating Title of Sub subchapter

Write new paragraph here after inserting 1 line space. Each new paragraph should consist of several sentences.

1 enter

IV.1.2 Example of Numbering and Locating Title of Sub subchapter

Tulislah paragraf baru disini dengan terlebih dahulu memberi 1 spasi. Setiap paragraf baru sebaiknya terdiri atas beberapa kalimat.

1 enter

IV.1.3 Example of Numbering and Locating Title of Sub subchapter

Write new paragraph here after inserting 1 line space. Each new paragraph should consist of several sentences.

Figure IV.1 shows an example of formatting the title of a graph, which is still expressed as a figure. This is due to the research proposal guide book which is stated

4 cm

3 cm

3 cm

that the term figure includes figures; illustrations; graphs; diagrams; floor plans; maps; charts; monograms; flow charts; and portraits. The figure should be printed on the paper used for the script (research proposal). Original figure should be made with printer or plotter or similar quality printers. The letters, numbers, and other punctuation marks used in the figure should be clear. Meanwhile, Figure IV.2 shows examples of reference in writing on the figure quoted from papers or books, so the name of the writer / author, agency, or other sources needs to be cited.

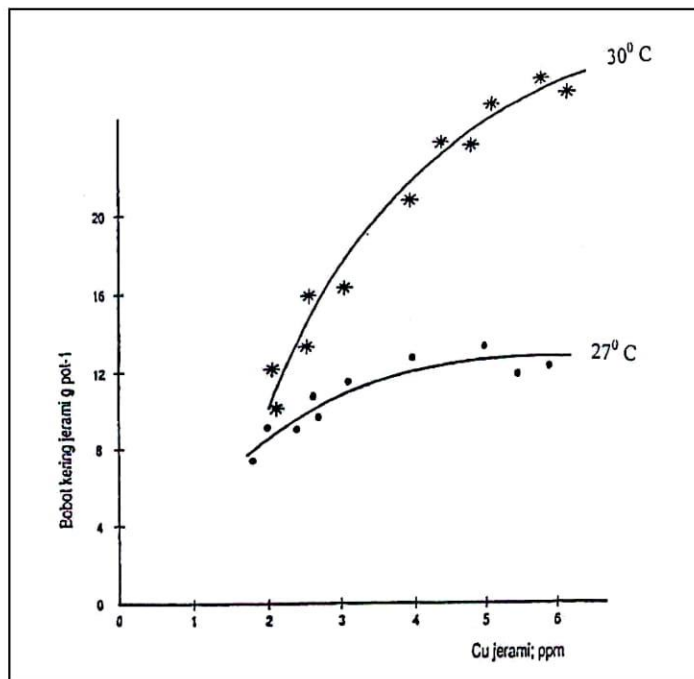


Figure IV.1 The relationship between dried weight straw and Cu straw wheat plant that be planted at two experimental temperature for 6 weeks.

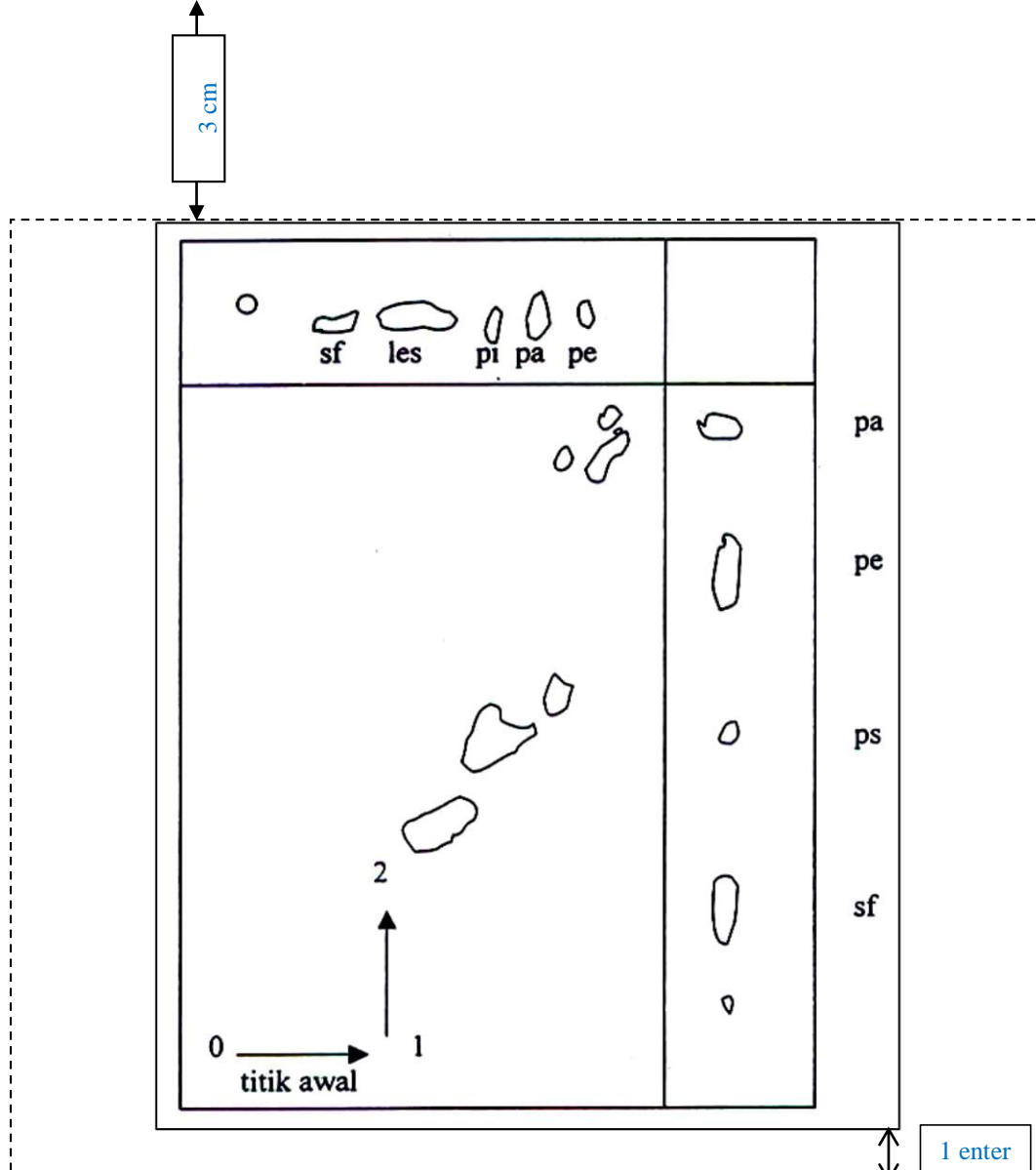
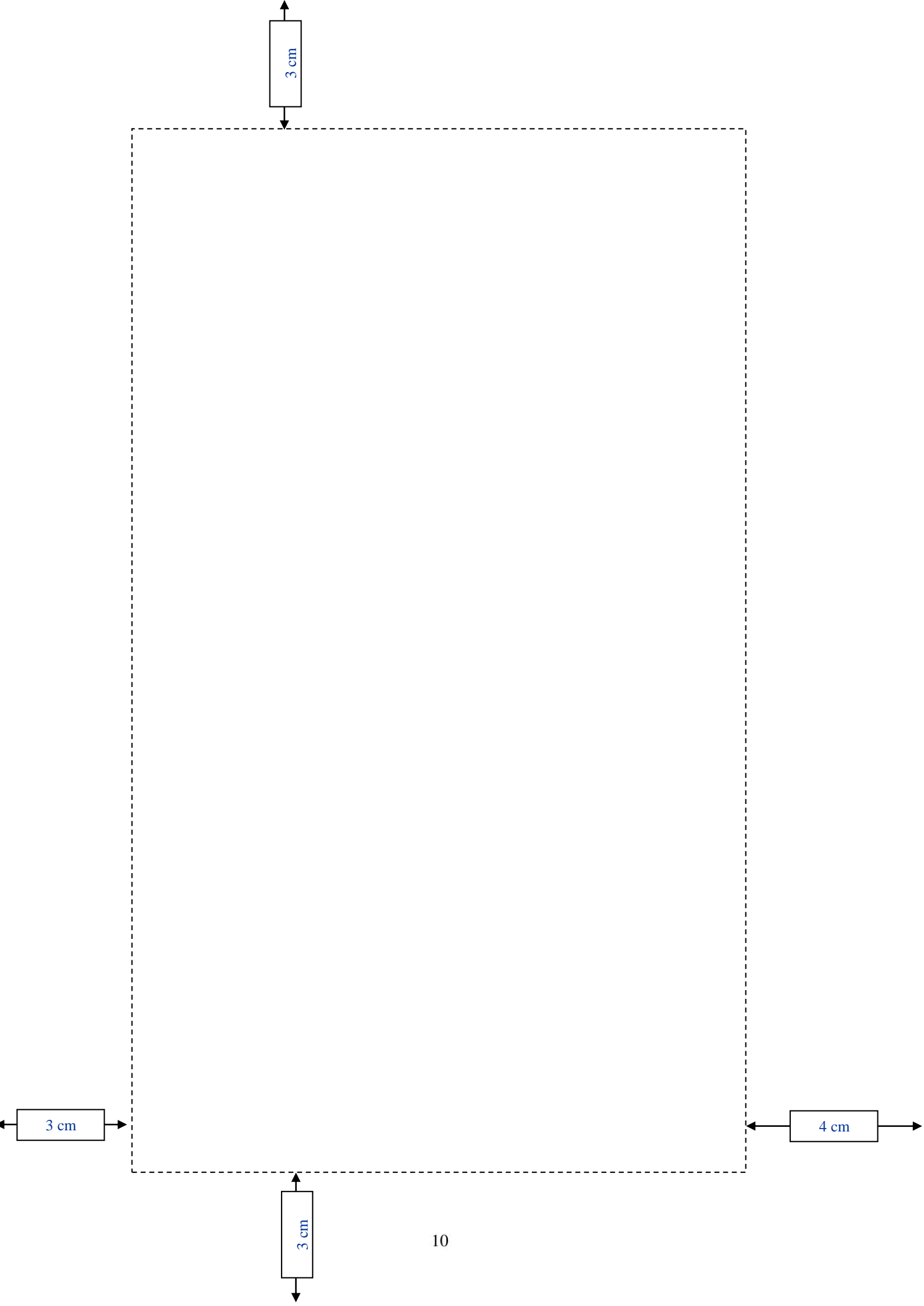


Figure IV.2 The separation of two dimensions of phospholipid essence from human erythrocytes. Solvent: chloroform - methanol - light oil - water (8: 8: 6: 1) in the first dimension and acetone - chloroform - methanol - water (8: 6: 2: 2: 1) in the second dimension (Last name of author, Year).

These are examples of abbreviations writing in research proposal. These are some of abbreviations that included in the abbreviations and symbols list e.g. High Performance Liquid Chromatography (HPLC), Nuclear Magnetic Resonance (NMR), and Polymerase Chain Reaction (PCR).

Example of writing reference on figure title



REFERENCES

1 enter

- Baker, A. A., Sosro, K., dan Suditomo, B. (1998): Pembakaran hutan di Kalimantan, *Majalah Kehutanan*, **5**, 23 – 25.
- Cotton, F. A. (1998): Kinetics of gasification of brown coal, *Journal of American Chemical Society*, **54**, 38 – 43.
- Culver, J.P., Durduran, T., Furuya, D., Cheung, C., Greenberg, J.H., dan Yodh, A.G. (2003a) : Diffuse optical tomography of cerebral blood flow, oxygenation, and metabolism in rat during focal ischemia, *Journal of Cerebral Blood Flow & Metabolism*, **23**, 911 – 924.
- Culver, J.P., Siegel, A.M., Stott, J.J., dan Boas, D.A. (2003b) : Volumetric diffuse optical tomography of brain activity, *Optics Letters*, **28**, 2061 – 2063.
- Gao, H. dan Zhao, H. (2009) : A fast forward solver of radiative transfer equation, *Transport Theory and Statistical Physics*, **38**, 149 – 192.
- Güven, M., Yazıcı, B., Giladi, E., dan Intes, X. (2007) : Adaptive mesh generation for diffuse optical tomography, *4th IEEE International Symposium on Biomedical Imaging: From Nano to Macro*, 1380 - 1383.
- Hill, R. (1997): *The mathematical theory of plasticity*, Oxford Press, Oxford, 545 – 547.
- Kramer, A., Djubiantono, T., Aziz, F., Bogard, J. S., Weeks, R. A., Weinand, D. C., Hames, W. E., Elam, J. M., Durband, A. C., dan Agus (2005): The first hominid fossil recovered from West Java, Indonesia, *Journal of Human Evolution*, **48**, 661 – 667.
- Kumai, H., Itihara, M., Sudijono, Shibasaki, T., Aziz, F., Yoshikawa, S., Akahane, S., Soeradi, T., Hayashi, T., dan Furuyama, K. (1985): Geology and stratigraphy of the Mojokerto Area, 55 – 61 dalam N. Watanabe dan D. Kadar, ed., *Quaternary geology of the hominid fossil bearing formations in Java*, 378 hal., Geological Research and Development Centre, Bandung-Indonesia.
- Stark, H. (1998): The dynamics of surface adsorption, *Proceedings of the International Congress on Current Aspects of Quantum Chemistry*, London, U.K., Carbo R., ed., Prentice Hall, 24 – 36.
- Wijaya, R. (1996): *Diagnosis penyakit tipus dengan metode PCR*, Disertasi Program Doktor, Institut Teknologi Bandung, 25 – 29.

Hanging:
0.5"

1 enter

References from Newspaper:

- Judul artikel. (Tanggal). *Nama Surat Kabar*, hal. XX.
- Narasumber (Tanggal). Judul artikel. *Nama Surat Kabar*, hal. YY.
- Pengelolaan diusulkan satu lembaga. (16 Oktober 2015). *Kompas*, hal. 14.
- Saidi, A. I. (16 Oktober 2015). Semiotika laut. *Kompas*, hal. 6.

1 enter

References from Film or Television:

- Nama Tokoh (Jabatan Tokoh). (Tanggal). *Nama Acara* [Jenis Acara]. Nama Stasiun Televisi/Produsen Film: Nama Kota.
- Sagantoro, A. (Produser). (2011). *The Raid* [Gambar Hidup]. PT. Merantau Films dan XYZ Films: Jakarta.

4 cm

3 cm

3 cm

Arlusi, R. dan Ginting E. (Produser Eksekutif). (21 Oktober 2015). *Mata Najwa* [Siaran Televisi]. Metro TV: Jakarta.

1 enter

References from website:

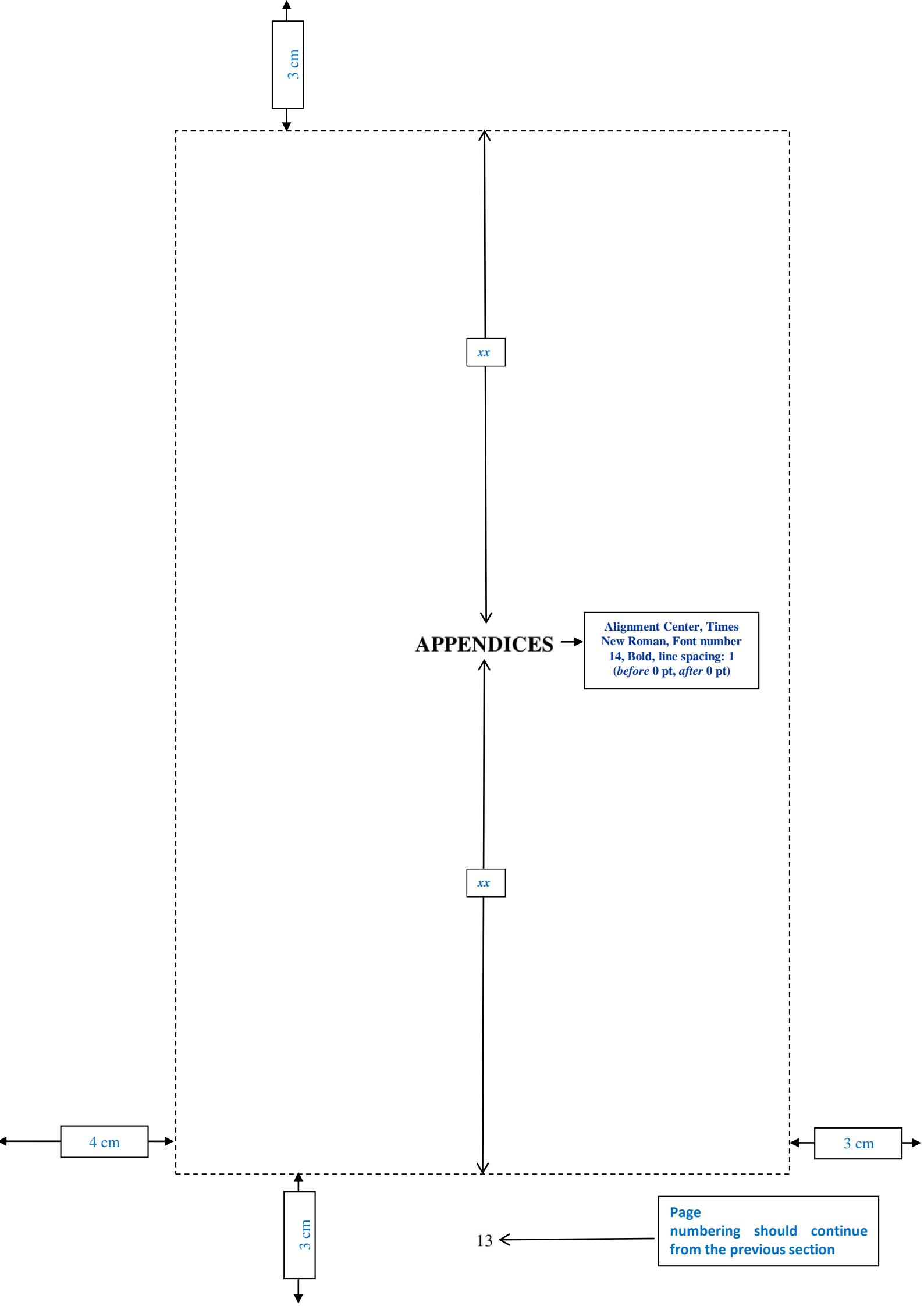
Data Air Mampu Curah periode 1950 – 2000 merupakan data grid (reanalisis) dari *National Centre for Environmental Prediction* (NCEP), data diperoleh melalui situs internet: <http://www.esrl.noaa.gov/psd/data/gridded/data.ncep.reanalys2.html>. Diunduh pada tanggal 5 Mei 2013.

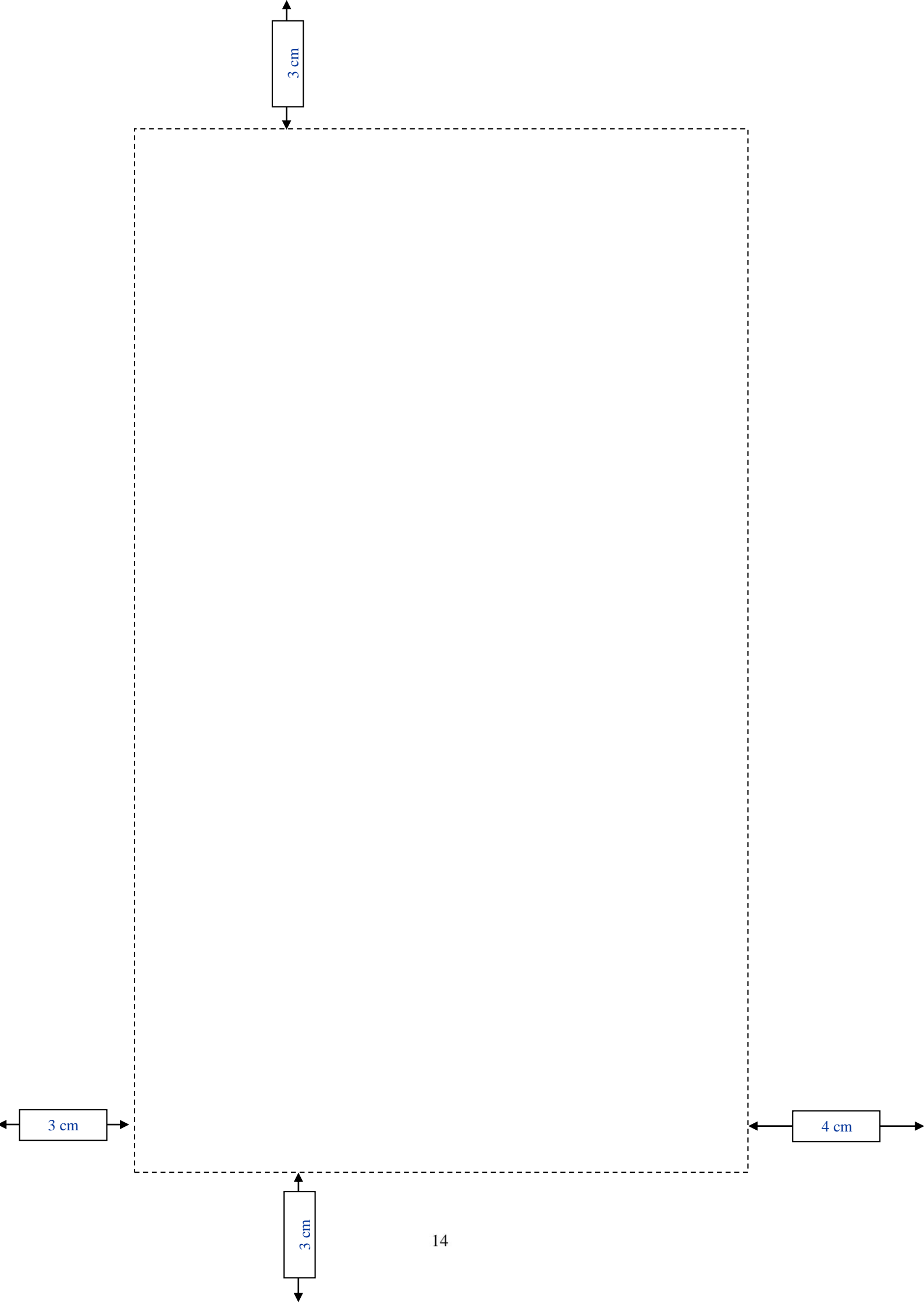
Data Indeks DM periode 1901 – 2000 hasil reanalisis dari *Japan Agency for Marine, Earth Science and Technology* (JAMSTEC), data diperoleh melalui situs internet: http://www.jamstec.go.jp/frcgc/research/d1/iod/kaplan_sst_dmi_new.txt. Diunduh pada tanggal 28 Oktober 2013.

Peta Pola Suhu Permukaan Laut (SPL) di Samudra India Ekuatorial, diperoleh melalui situs internet: <http://www.jamstec.go.jp/frsgc/research/d1/iod/>. Diunduh pada tanggal 2 Agustus 2012.

Note:

- 1 Types of references writing formats are as follow:
First reference is magazine written by more than 2 authors.
Second reference is journal written by single author.
Third and fourth references are references written by the same main author but published at different time.
Fifth reference is reference written by 2 authors.
Sixth reference is pustaka yang dipublikasikan melalui konferensi.
Seventh reference is book.
Eighth reference is journal written by more than 2 authors.
Ninth reference is book that each chapter written by different authors and there is editor/s.
Tenth reference is proceeding prosiding.
Eleventh reference is doctoral program dissertation.
- 2 Additional criteria regarding appropriateness for inclusion in the references follows the prevalence in each discipline of science and is governed by the KPPs-Faculties.
- 3 It is not allowed to cite from newspaper, radio or TV unless it is used as research object. The references form website is also written in alphabetically order, not necessarily numbered.
- 4 If any master program thesis used as reference, the format is as shown by the eleventh reference.





Appendix A Example of Approval Page Contains Two Promotors

**RESEARCH PROPOSAL TITLE FONT: TIMES NEW
ROMAN; CAPITAL LETTER: 14; BOLD; SINGLE SPACE**

By

Student Name
Student ID: 3500001
(Doctoral Program in Management Science)

Institut Teknologi Bandung

Approved
Promotor Team

Date

Promotor

Co-Promotor

(Name of Promotor)

(Name of Co-Promotor)

Appendix B Example of Research Timeline

No	Year/month Activities	YEAR I												YEAR II												YEAR III												
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5								
1	Literature Review																																					
2	Qualification Examination																																					
3	Writing Research Proposal																																					
4	Preparation and seeking for Field Research																																					
5*)	Field Research																																					
6**)	Laboratory Analysis Method 1																																					
7**)	Laboratory Analysis Method 2																																					
8**)	Laboratory Analysis Method 3																																					
9	Synthesis																																					
10	Publication																																					
11	Studio Work																																					

Examples of appendix or table titles that are truncated because they cannot be presented on one page. Do not call this title on the list of appendices.

Header rows should be repeat

3 cm



Appendix C Please Write the Title of the Appendix



1 enter

C1. Please Write the Title of the Sub Appendix

Write a new paragraph here by adding 1 line single space. Each new paragraph should consist of several sentences.

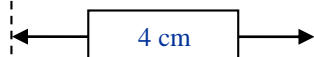
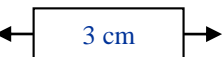


1 enter

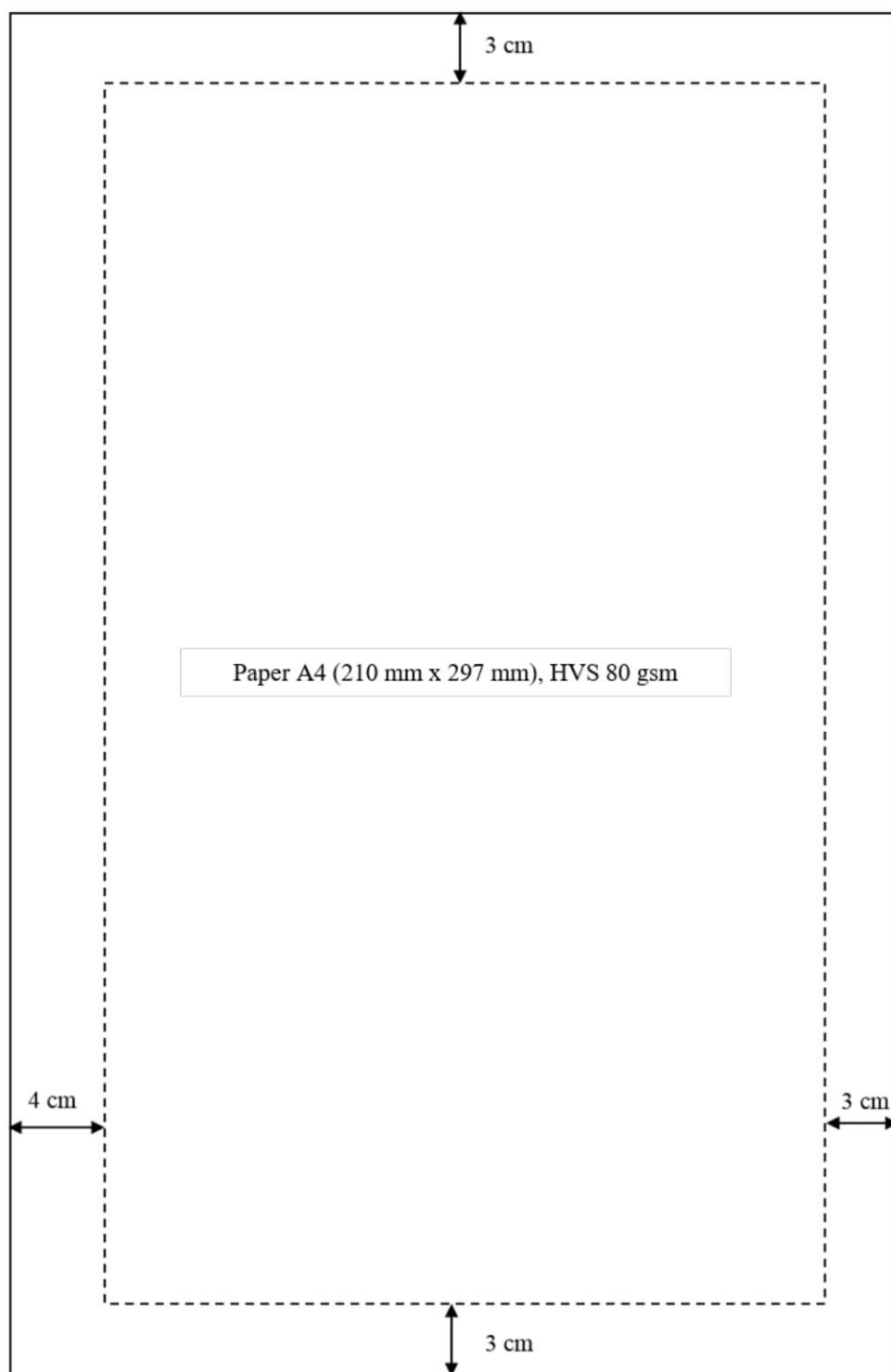
C2. Please Write the Title of the Sub Appendix

Write a new paragraph here by adding 1 line single space. Each new paragraph should consist of several sentences.

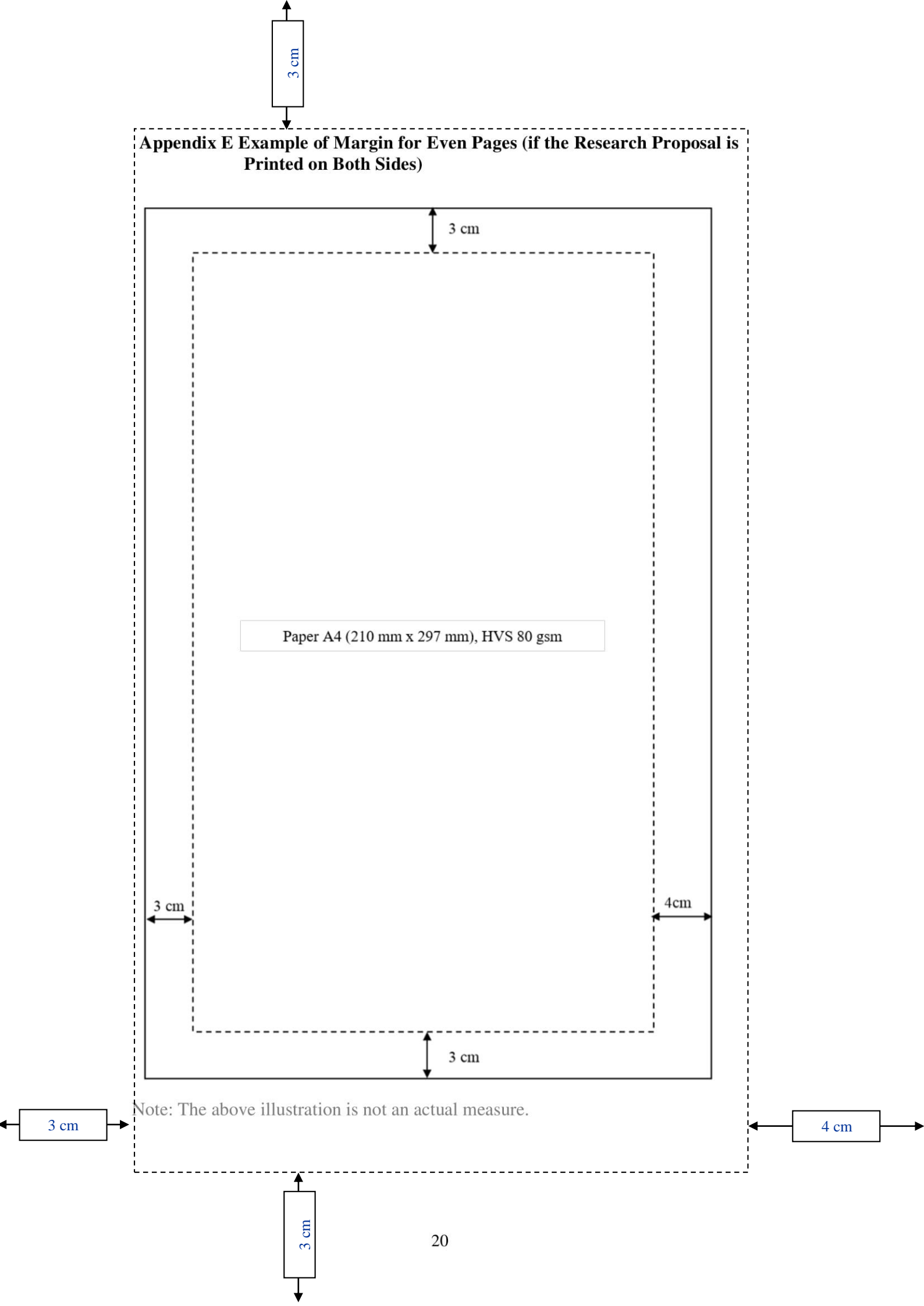
Note: The Appendix may consist of several pieces. The appendix may contain additional notes; formula derivation; calculation examples; raw research data; etc., which, if incorporated into the body of the research proposal will interfere the explanation smoothness in the body of the research proposal. Each appendix is numbered in the capital letters of the Latin alphabets A, B, C, ... and so on. The appendix is preceded by a page containing only the word APPENDICES (size 14, bold) in the middle of the page and given the page number. The appendix can be tables, figures, and so on which (is considered) not a major part of the research proposal. The appendix MUST be referred in the research proposal body with the format e.g. "Appendix A".



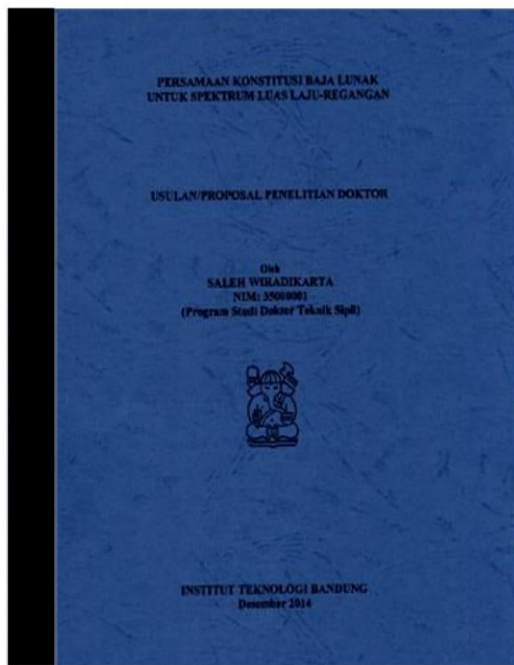
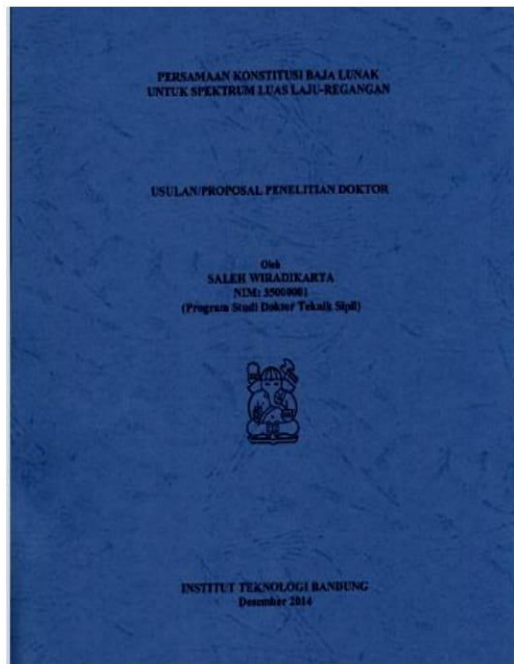
Appendix D Example of Margin for Odd Pages (if the Research Proposal is Printed Both Sides)



Note: The above illustration is not an actual measure. Author can use thicker paper if needed, for example: if a printout looms into the back of the paper.



Appendix F Example of Research Proposal Cover and Binding



Note: The document of research proposal should be bound by a soft cover, with a binding technique. Top: printing binding; below: duct tape binding. Colour: Dark Blue, paper type: Buffalo Biru Tua No. 02.