

CHAPTER III

RESEARCH METHODOLOGY

This chapter presents the description of the research methodology in the study. This include the object of the study, the research method, the source of data, the method of collecting data, and the techniques for analyzing data.

A. The Object of the Study

The object of this study are two set package of English national Exam for the junior high school level of 2016/2017 and 2017/2018 academic year. There are two packages of the English national Exam, Each package per year contained 50 multiple choice items.

B. The Research Method

The researcher uses the qualitative descriptive study, the type is content or document analysis, because the writer analyzed the content of the National Examination of English. Based on Donald Ary, Content or document analysis is a research method applied to written or visual materials for the purpose of identifying specified characteristics of the material. The materials analyzed can be textbooks, newspapers, web pages, speeches, television programs,

advertisements, musical compositions, or any of a host of other types of documents.¹

Those documents are official and guaranteed also it was valid and reliable, because the source from the Ministry of Educational and Culture of Indonesia (KEMENDIKBUD) including national examination of English at 2017 and 2018 for Junior High School level.

C. The Source of Data

There are two data sources that the writer used in this study. Those two of data sources are National Examination of English test in 2016/2017 and 2017/2018 academic year. Those data sources are used for analyzing the data to find the result of the study. The explanation of those two data sources are as follow:

1. Package A of English National Examination for the Junior High School Level of 2016/2017 Academic Year.

This package of test consist of fifty multiple choices. Where every year there are two set packages in national of examination, include A package and B package. At that time, not every school conducting national examination using CBT (Computer Based Test) or officially called UNBK (Ujian Nasional Berbasis

¹ Donald Ary, Lucy Cheser Jacobs, Chris Sorensen, Asghar Rasavieh, *Introduction to Research in Education*, (Belmont: Wadsworth Cengage Learning, 2010), 8th Ed., p.457

Komputer). UNBK is a system of carrying out national examination using computer as a media. So, some schools still using PBT (Paper Based Test) where conducted manually.

2. Package A of English National Examination for the Junior High School Level of 2017/2018 Academic Year

Same like previous year, this test also consist of fifty multiple choices and two set packages. But in this year almost junior high school level using CBT in a row the implementation of revised curriculum 2013. So, the writer download of the test National Examination through some source from internet.

D. The Method of Collecting Data

In this research, the writer used the checklist table in collecting the data. The writer collects and lists all of the multiple choice question of the test. The checklist table is used to put all of the multiple choice question from the test. In the checklist table, the writer also writes the six cognitive domains in order to check the distribution of every question based on those six cognitive domains.

E. The Techniques for Analyzing Data

An analyzing data of this study, the writer uses the analysis card as a reference to decide what kind of cognitive domains, it is

created by combining and collection the understanding about six level of cognitive domain from revised edition of Bloom's taxonomy from various reference. After that, all question distribute in checklist table form to analyze and compare the distribution of the higher order thinking skills in the multiple choice question from National Examination of English. The checklist table form consists of the lists of questions from the test and the columns for all cognitive skills from that revised edition.

The writer counts the total of every cognitive skills from the multiple choice questions and compares it to every level to find out the exact amount of the distribution of the higher order thinking skill in the English National Examination for the Junior High School level. The writer focuses on the distribution of the higher order thinking level, even though it consists of all cognitive skills of the revised edition of Bloom's Taxonomy, and compare the result of data from 2017 with 2018, because it is the focus on this study. Finally, the writer interprets the result of the data analysis by describing qualitatively.