

Chapter One

Introduction

This chapter presents the introduction of the research. There are several important points mentioned in this chapter. In this research, the background of the study includes the reasons why the researcher was interested in researching the topic. Besides, research questions are used as guidelines for this research. Statement and delimitation of the problems identify and limit the problem investigated clearly. In the objective of the research, it discusses the specific purpose of the research. In addition, the significance of the research shows the benefits of the research. In the last part of this chapter, the researcher mentions the outline of this research.

Background of the Research

National Examination is one of the assessments which is used to measure the students' knowledge of the specific lesson. Pakpahan (2016) stated that the National Examination is appraisal of the students' competencies achievement during the learning process in the unit of education. This examination is used by Indonesia Minister of Education and Culture to measure and analyze the students' achievement in order to know the students' understanding of the particular knowledge. Furthermore, Siskandar (2007) stated that the National Examination uses to increase the national education standard in Indonesia.

In addition, since the Indonesia Minister of Education and Culture use National Examination as the evaluation standard, the result of National Examination becomes the determination for students to graduate. From the statement mentioned were supported by Hadi (2014) who argued that the National

Examination becomes the sole of determinant graduation. Besides, the students have to take this examination in order to graduate from the schools. Also, they should follow the examination whether they are able or not. Moreover, the National Examination result becomes one of the requirements for students to continue their study to the college. Also, National Examination result can be used to find a job. Hence, the implementation of National Examination as the evaluation standard in Indonesia is very important.

Higher education institution uses various methods in assessing the students' knowledge such as paper-based test, computer-based test, and presentation (Brown, 2004). Indonesia National Examination uses two examination techniques, the paper-based test and computer-based test. These examination techniques can be used in the school in order to assess the students' knowledge. However, the paper-based test was still conducted in 2005 – 2017. Then, in 2015, the use of examination technique referred to use computer-based test. Recently, national examination is still tested in some schools.

Indonesia Minister of Education and Culture recommends some high schools to conduct the National Examination using computer-based test since 2015 (Jamiludin, Darnawati, & Uke, 2017). However, some schools still use paper-based test because the computer-based test becomes a new matter for the schools to be implemented in the National Examination. Besides, there are only some schools which have better facilities and can conduct the computer-based test. In 2018, Education and Culture Minister of Indonesia requires all high schools in Indonesia to conduct the computer-based test in National Examination.

The computer-based test aims to ease especially for the students. The use of computer in the National Examination eases the students in answering the questions. It also believed to test students because the result of the test on computer-based test is accurate. Besides, the statement mentioned is line with Mubashrah, Tariq, and Shami (2012) argued that the computer-based test has the potential to bring more reliable and accurate result than paper-based test. All the students' answers can be read and graded by the computer. Perhaps, the students' answers are not accurate and it can not be read by computer when conducting paper-based test. Hence, the use of computer-based test is helpful for the students in order to get accurate result. The use of computer-based test is also believed to decrease cheating among the students because it gives various questions for each student.

In addition, the use of computer-based test is believed in assessing the students accurately, and it aims to ease the students. However, students become more stressfull in using computer-based test (Jamiludin et al., 2017). The steps in doing the examination are still complicated since they are required to enter the username and the password given by the school. When the students have not connected to the server, they cannot do the examination. That way, it will make the students become panic. Moreover, the students should be able to operate the computer. As another reason in the use of computer-based test, some students are not familiar enough in conducting test using computer. Also, they have not experienced in operating and using the computer-based test before. Therefore, it will affect the students during the test.

Moreover, there are some aspects that need to be prepared in implementing computer-based test in the National Examination such as the schools preparation, schools facilities, and the students' readiness (Jamiludin et al., 2017). The students' readiness is the important aspect because they are the main role in implementing the examination. Students with readiness and better knowledge of computer can conduct the test successfully than students who are less knowledge of computer and unreadiness. Accordingly, since the test determines the students' graduation, the students must be ready to conduct the test.

Considering the aspects in implementing computer-based test, the Minister of Education and culture has to see the students' perception toward the computer-based test. For the reason, the students are the main role in implementing computer-based test, so the computer-based test is really used to measure the students' knowledge. Therefore, from the phenomena mentioned, the researcher is interested in conducting the research on students' perception on the use of computer-based test in English national examination.

Statement of the Problems

Assessing the students becomes the main roles for the educators and the Minister of Education and Culture. Besides, in assessing the students, there are some aspects which need to be considered and some problems which can be found. The problems can appear from the students or the schools. The students found some difficulties in implementing computer-based test, but they have to take this test in order to graduate from the school.

In addition, the computer-based test required the students to have more preparation. When the students were less preparation in the use of computer-based

test, they will face problem in the test. Based on the researcher's experiences, the students with less preparation or they did not study well, so they will waste their time in answering the questions. The question on the computer-based test will automatically continue to the next question when the time is over. Hence, the students cannot click to the previous questions.

The students' knowledge towards the subjects in the National Examination and the students' readiness become the significant problem in computer-based test. Based on the researcher's experience, the students' readiness determined the process in implementing computer-based test. When the students are not ready, it will affect their mind, and sometimes, they become nervous in conducting the test which is quite new for them. That way, it also will affect their score to be worst.

In the National Examination, computer is a tool which has to be used by the students. Before implementing the computer-based test, the students have to practice using computer including how to shut down, operate, and type correctly. Formerly, the skill to operate the computer will ease the students when take a computer-based test.

Delimitation of the Problems

Discussing about the use of computer-based test in the National Examination, it may included many problems that will be faced by the students. One of the problems is their difficulties in using computer. Besides, there are many kinds of difficulties which can affect the students' result in the use of computer-based test. However, computer-based test is the crucial aspect in the implementation of National Examination.

Therefore, in this research, the researcher only focused on the problems which were investigated through the students' perception on the use of computer-based test in the National Examination. The researcher focused to investigate the students' challenges of using computer-based test. In addition, when the challenges of using computer-based test occurred, strategies to face the challenges in using computer-based test highly occurred.

Research Questions

Based on the background of the research, the researcher formulates the research questions as follow:

1. What are the challenges faced by the students in the use of computer-based test in English national examination?
2. What are the strategies used by the students to face the challenges in the use of computer-based test in English national examination?

Purpose of the Study

Based on the research questions, the objectives of the research are:

1. to investigate the challenges faced by the students in the use of computer-based test in English national examination.
2. to discuss the strategies used by the students to face the challenges in the use of computer-based test in English national examination.

Significance of the Study

This research is aimed to give positive advantages for some parties such as students, schools, and other researchers.

For the students. The finding of the research about students' perception on the use of computer-based test in the National Examination give a guideline for students to anticipate in conducting such test using computer-based test. Besides, the results of this study hopefully can help the students to have good preparation before conducting national examination. Hence, the provided information of this research can be useful for the students especially on the strategies used towards computer-based test in English national examination.

For the schools. This research will be able to promote the use of computer-based test in the National Examination. The strategies in using computer-based test give consideration for the schools to support computer-based test. Besides, the challenges in using computer-based test advise the schools to prevent the use of computer-based test and look for the other strategies in order to help students in implementing computer-based test.

For other researchers. Conducting this research, other researchers can know the strategies and challenges faced by the students in using computer-based test. Besides, the other researchers can use the findings of this research as the theoretical overview of further research on the same topic and might become recommendation of further research. Therefore, by conducting this research, it can also encourage the researchers to conduct the researches related to the same area of this research.

Research Outline

This research consists of five chapters which explain an overview of each research chapter. In the first chapter of this research, it presents the general view of the research. Also, it includes the statement of the problem in the first chapter.

The researcher also presents the research questions of this study followed by the research objectives. The delimitation of this research is presented in order to ease the readers to understand the range of this study. Furthermore, the significance of the study is presented to give information about the contribution of this study for some parties.

In the second chapter of this research, it presents about the literature of the study. Besides, it presents the description of some theories of any journal articles related to this research. Moreover, the information which is written in the second chapter includes the Indonesian's National Examination and the computer-based test. In the Indonesian's National Examination part, it gives the explanation about the implementation and the techniques in conducting National Examination. Then, in the computer-based test part, it conveys about the implementation, the challenges, and the strategies in using computer-based test. Furthermore, the review of related studies and conceptual framework are presented in this chapter as well.

In the third chapter of this research, it discusses the methodology of the research. Also, this chapter covers the research design of the research, the research setting, the research participants, the instrument to collect the data, and how to analyze the research data. Moreover, the researcher presents the significance reasons to support the information provided.

In the fourth chapter, the researcher presents the findings and discussion of this research. In this chapter, it presents findings obtained from the interview. The discussion also presents the information related to the findings. Then, some literatures and theories are chosen to support the findings.

In the fifth chapter of the research, the conclusion and recommendation are presented by the researcher. The conclusion covers the main points of the findings which are presented in the chapter four. In addition, this chapter contains the recommendation for some parties related to this research.