The Effectiveness Of Using Google Form Examination Questions In Ict Subjects Class VIII

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Article Info	Abstract
	This research aims to determine the effectiveness of using Google Forms in even semester exam questions. This research uses a descriptive method with a quantitative approach. The research subjects were 23 students. simple random sampling technique. Data analysis techniques are 1) reduction; 2) presentation; and 3) conclusion The results of this research concluded that the use of Google forms was proven to be effective in implementing the Even Semester Examination. The use of Google Form is easy to implement 78.3% of students, ease in answering questions, 91.3% of students agreeing, Google Form in terms of time is more flexible results of 91.3% of students, statement regarding It was fun answering exam questions using Google Form 86.9% of students agreeing. Through online exams using Google Form, I further improved my abilities, with 82.6% of students agreeing. It is more effective during exams using Google Form compared to using paper, 91.3% of students agree, I am more satisfied during exams using Google Form, 91.3% of students agree, I prefer exams using paper, 47.8 % of students agree, using Google Form during exams is more time-saving, 95.6% of students agree the average being in the very good category

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1. INTRODUCTION

The growth of information and communication technology has created a network that allows students to interact widely with learning resources. Everyone has access to resources and knowledge thanks to the internet network. Access can be done in terms of learning processes such as teaching using Google Form media. Apart from that, to support a more effective teaching and learning process for the development of science which makes a significant contribution. Indirectly, it also has an impact on quality human resources which can be done with the help of tablets, smartphones and computers [1] by using an internet connection by accessing various media platforms, as a means of supporting education by using modern, interactive communication technology as a learning medium [2]. One of the interactive media which is the best and most interesting alternative solution for increasing students' interest, talent and learning motivation is through the development of Google Form-based Digital Worksheets with the free Google Docs service feature, which can be an application used by teachers and students for teacher creativity in get creative. To overcome this, a media or application is needed so that the teaching and learning process is more effective and can increase students' interest in learning every day to complete learning tasks [3].

There are many innovative learning media that can be used for students to learn and attract student motivation to learn mathematics. One of these media is Google Form Android media. Google Forms is a part of the Google Docs components provided by the technology giant Google. Apart from that, Google Forms is software that can be accessed for free and is quite easy to operate. This media is an idea of the use of existing media which utilizes information packages

based on information and communication technology for learning purposes which can be accessed by students without distance and time restrictions so that learning is carried out online [4]. Google Forms is an assessment tool an unconventional format that has successfully accommodated student feedback for teaching improvement. The assessment results provide real time feedback, allowing teachers to act quickly on existing problems [5].

Google Form allows teachers to monitor individual student progress. Google Form is expected to create a more interesting, interactive, dynamic learning atmosphere, increase student motivation, and have a positive impact on student enthusiasm for learning [6]. By integrating this technology into the learning process, students can benefit from the practicality of accessing material, interactivity, and direct involvement in learning activities. Google Form is an application that can be used independently or together with the aim of obtaining information, which can be used for quizzes, online tests, surveys, teacher evaluations, and registration forms [7]. There are also other applications such as Google Sheet, Google Docs. It is very easy to use because the only requirement is to have a Google account as the form manager [8]. Google Form can be used to collect public opinion, provide online practice/exam assignments via website pages, collect various student and teacher data, and distribute paperless questionnaires [9]. The appearance of Google Form has various unique themes with quite an attractive appearance that can be changed as desired. maker, thus making the exam questions more colorful and interesting. When answering exam questions, students are not interested or bored with many choices including multiple choice, short description, paragraph, Drop.

Google Forms has various advantages in an educational context. Google Forms can also be used to conduct online quizzes, surveys, collect answers. Features of Google Forms can be shared with others publicly or specifically. There are several functions of Google Form in education: 1) Collecting various data, 2) Providing online practice/test assignments, 3) Collecting other people's opinions, 4) Distributing questionnaires online, 5) Creating online registration forms [10]. The advantages of Goggle Form consist of from: 1) Having various types of tests that can be freely chosen; checklist, drop-down, multiple choice answer choices, checklist, drop-down, linear scale, 2) Attractive display of the form using photos or logos, has many templates that make the appearance more attractive and colorful, 3) All responses and answers are automatically collected, compiled, analyzed and saved by the Google Form application quickly and safely, 4) The results are immediately compiled and analyzed automatically, 5) Survey responses will be collected in a form automatically and neatly in the form of graphs or diagrams. Which can be accessed by everyone without having to pay expensive fees [11]. Google forms are available in Google Drive, this template is very easy to understand and use [12] Meanwhile, difficulties arise in increasing internet quota packages, internet access requires a strong network , internet connection, lack of teacher ability in using technology. The quality of teachers in using technology will influence the quality of student learning. Schools are required to have standard learning support facilities such as Wi-Fi, computer laboratories, projectors in each class, and other supports.

Other advantages of Google Form a: 1. This application can be accessed easily by everyone; 2. Google Forms can correct answers automatically; 3. Google Form will automatically save the results of students' work and teachers can download them in the form of an Excel document complete with the grades obtained and the answers chosen by students. Apart from strengths, Google Form also has weaknesses that are analyzed [13]. There are five categories of student responses in knowing student knowledge that can be used in Google Form, consisting of: (1) Strongly agree with the use of the Google Form application to assess student knowledge; (2) Agree with the use of the Google Form application to assess student knowledge; (3) Sometimes agree with the use of the Google Form application to assess student knowledge; (4) Disagree with the use of the Google Form application to assess student knowledge; (5) Strongly disagree with the use of the Google Form application to assess student knowledge [14]. Google Form, Google Classroom, , Zoom, Skype, and other online media can be used by considering the advantages and disadvantages in the learning process [15].Not all teachers understand the use of applications

in the learning evaluation process. The use of technology is considered as an alternative in responding to special conditions so as to bring about change [16].

Google Form can analyze question items which can be followed up by teachers to find out students who do not understand the subject matter. Google Form is an online service, and to collect data, comments, which can later be compiled using a spreadsheet [17] Google Form can be accessed by. pupils, students and office staff. Technology and information can help in all fields, not just education. Google Forms is one of the Google Document services. Google forms are used for assessments such as quizzes and collecting responses. It can also be used to manage grades, where this application can be used as additional assistance in teaching and learning activities [18]. Google forms are used for taking absences, exercises, and other tasks. Teachers can receive answers directly from respondents quickly without needing to be checked. Student grades can automatically be seen and can be corrected. Students' readiness must be mature, of course exams or learning evaluations can run well. Carrying out mid-semester exams using Google forms also provides students with insight into the use of technology.

Previous research conducted by Harun et al., stated that material validity was 86% and media validity was 95%, providing a strong foundation for the use of technology in learning. Student responses obtained an average percentage of 85.14%, which shows that digital worksheets are very practical [6]. Furthermore, research conducted by Sianipar shows that the procedure for developing a student service satisfaction assessment questionnaire starts from the planning, creating, publishing and providing instructions for use. From the research results, student response data shows that the majority of students are more enthusiastic about using online questionnaires (60%), easy to access (88%), more time efficient (87%), save on paper (92%), understand how to use them (92.3%), the language of the questionnaire is appropriate (100%), the material is appropriate (92%) [19]. Thus, Google Form is very useful for students to collect data on student service satisfaction assessments as well as research conducted by [20]. implementation, and reflection. The results obtained were that the teacher assessed Google Form as capable of being used as an alternative for making evaluations. This is proven by the results that 100% of teachers as participants are interested in making evaluations via Google Form. The reasons for this interest have 4 references, namely, convenience of 33%, speed of 44%, practicality of 66%, and efficiency of 66%.

Based on the results of interviews and initial observations with class VIII teachers at Mts Al-Khariyah, Bima stated that the Google form media was very effective in influencing students' interests and learning outcomes in information and communication technology lessons. By paying attention to the results of initial observations and various differences in the results of previous research, the researcher is interested in conducting research regarding the effectiveness of using Google Forms in Even Semester Exam Questions for Class VIII ICT Subjects.

2. RESEARCH METHODS

The research used in this research is a descriptive method with a quantitative approach. The data in this research is primary data collected by distributing online questionnaires via Google form to 23 class VIII students at Mts Al-Khariyah Bima. The total population in the study was 33 students and used a simple random sampling technique. Simple Random Sampling is taking sample members randomly without paying attention to strata in the population. So the existing sample is considered to represent the entire population. The data analysis techniques in this research are as follows: 1) data reduction; 2) data presentation; and 3) drawing conclusion
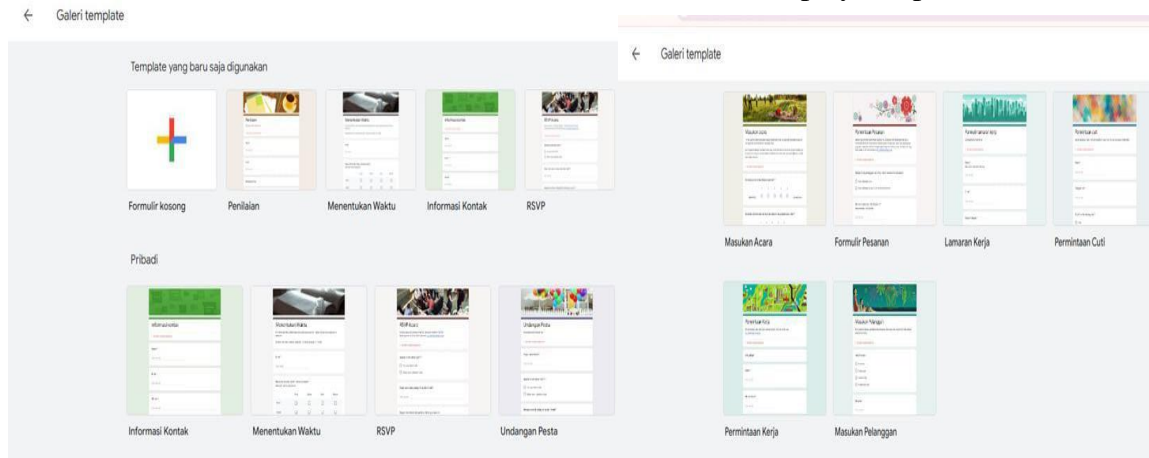
3. RESEARCH RESULTS AND DISCUSSION

The respondents in this study consisted of 23 class VIII students at Mts Al-Khariyah Bima. Data collection in this research was carried out using an online questionnaire which was distributed to students with answers on a scale of 1 to 5, namely strongly disagree, disagree, quite agree, agree and strongly agree. There are 10 statements that must be answered.

3.1. Research result

The results of students' answers have been summarized in the following image.
a. Display the Google Form template along with the statement display Responden

Figure 1. Google Form Display with Various Templates

Figure 2. Display of Even-Uas Questions

Figure 3. Sample Statement Regarding the Use of Google Forms

b. Summary of student answers related to Google Form
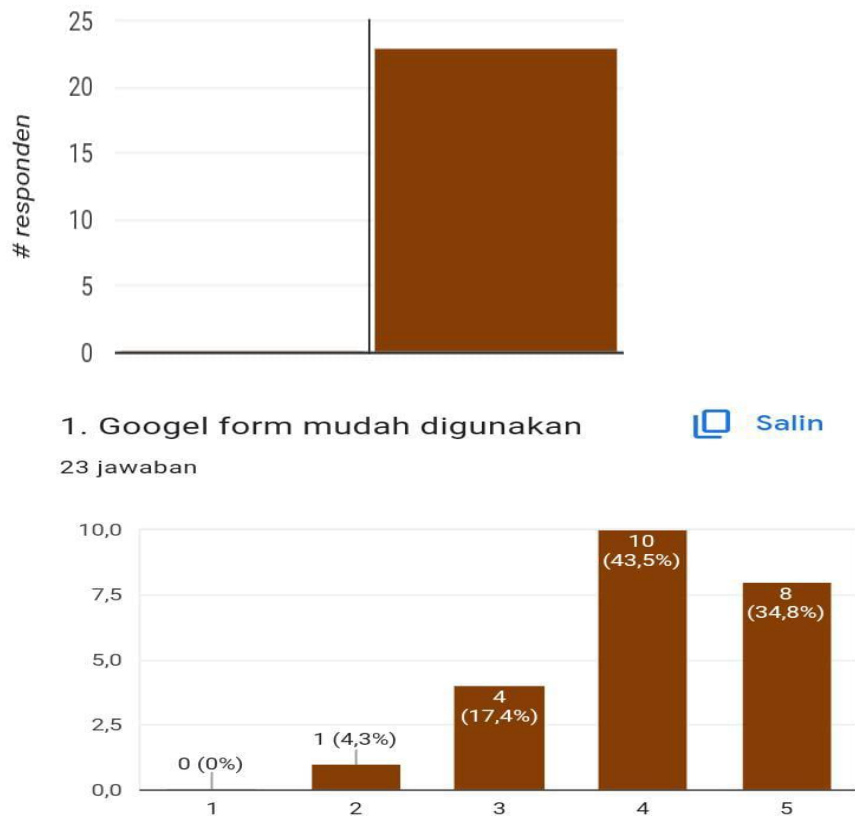
Figure 4. Google Form statement is easy to use

Based on Figure 4, there are 23 student respondents who answered regarding Google Form. The first statement related to the ease of using Google forms, there were 43.5% or 10 students who answered agree and 34.8% or 8 students answered strongly agree. It can be concluded that Google forms are easier and more effective to use than paper work during exams.
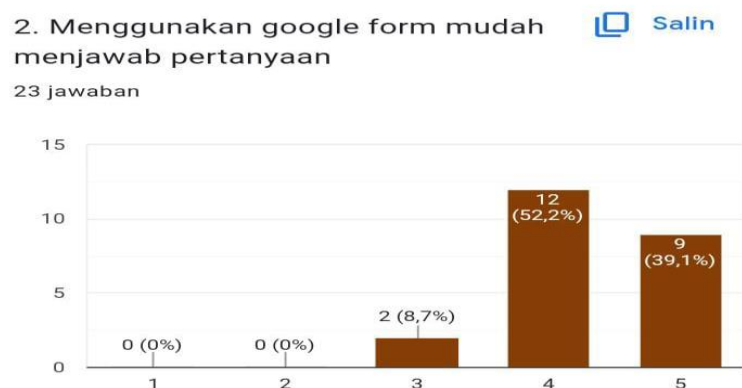
Figure 5. Statement using Google form easy to answer Based questions

Based on Figure 5 regarding the second statement, 52.5% or 12 students answered agree and 39.1% or 9 students answered strongly agree. It can be concluded that Google forms are easier and more effective to use to answer questions**.**
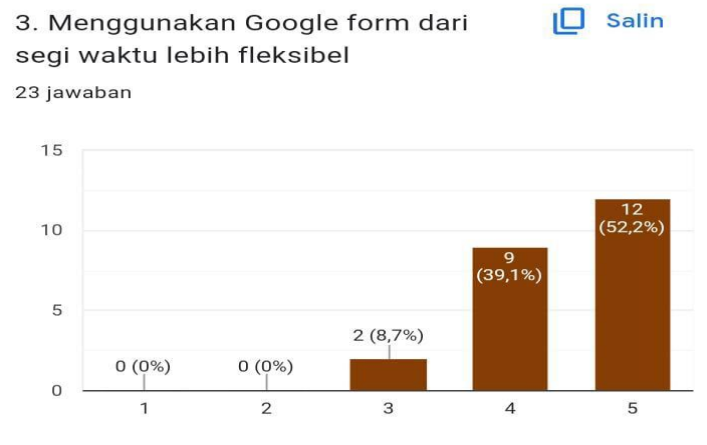
**Figure 6. Statement Using Google Form is more flexible in terms of time**

Based on Figure 6 regarding the third statement, 39.1% or 9 students answered agree and 52.5% or 12 students answered strongly agree. It can be concluded that using Google forms is more efficient in terms of time in answering questions and Google forms can show and display the results of answers and points obtained by students. Can help teachers download student answers using Excel..

Figure 7. Statement of how fun it is to answer exam questions with Google forms

Based on Figure 7 regarding the fourth statement, 47.8% or 11 students answered agree and 39.1% or 9 students answered strongly agree. It can be concluded that using Google forms is fun in answering exam questions. This means that students prefer and feel interested in using Google Form compared to using paper in answering exam questions as an inline media tool to help the exam process to be more effective**.**
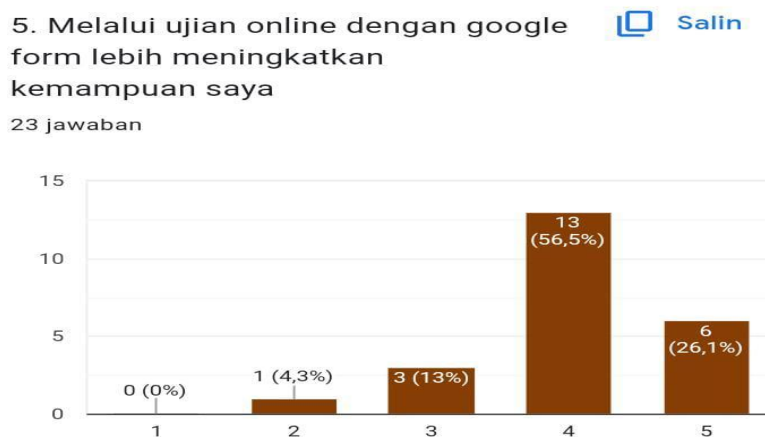
Figure 8. Through online exams with Google forms, I further improve my abilities

Based on Figure 8 regarding the fifth statement, 56.5% or 13 students answered agree and 26.1% or 6 students answered strongly agree. It can be concluded that through online exams with Google forms further increases students' abilities in improving technology.

Figure 9. Statement: It is more effective during exams using Google forms compared to using question papers or manuals
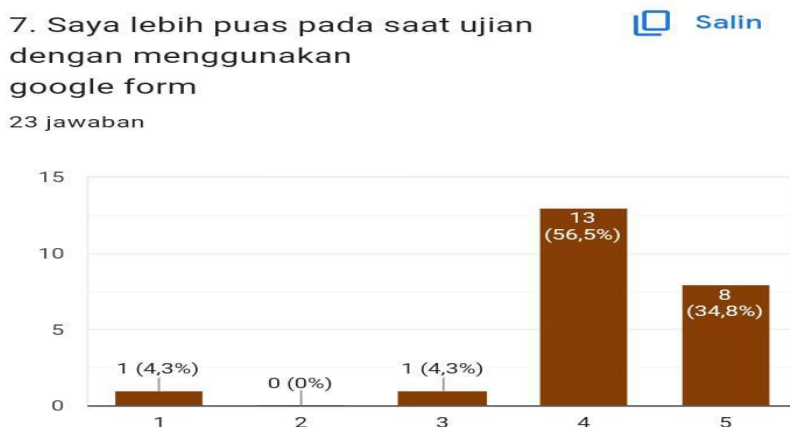
Based on Figure 9 regarding the sixth statement, 47.8% or 11 students answered agree and 43.5% or 10 students answered strongly agree. It can be concluded that the use of Statements is more effective during exams using Google forms because it is more time efficient compared to using paper when working on questions because it costs money, staff and so on.

Figure 10. I am more satisfied during the exam using Google Form

Based on Figure 10 regarding the seventh statement, 56.5% or 13 students answered agree and 34.8% or 8 students answered strongly agree with the statement of student satisfaction during the exam using Google Form. This data shows that students have a high level of satisfaction.

Figure 11. I am more satisfied when taking exams using paper

Based on Figure 11 regarding the eighth statement, there are 34.8% or 8 students who answered agree, 13% or 3 students answered strongly agree with the statement that students are more satisfied when using paper during the exam. This shows that many students feel less satisfied with doing exams using paper because they are less efficient. Some students prefer online or media-assisted exams such as using Google Forms during the exam.
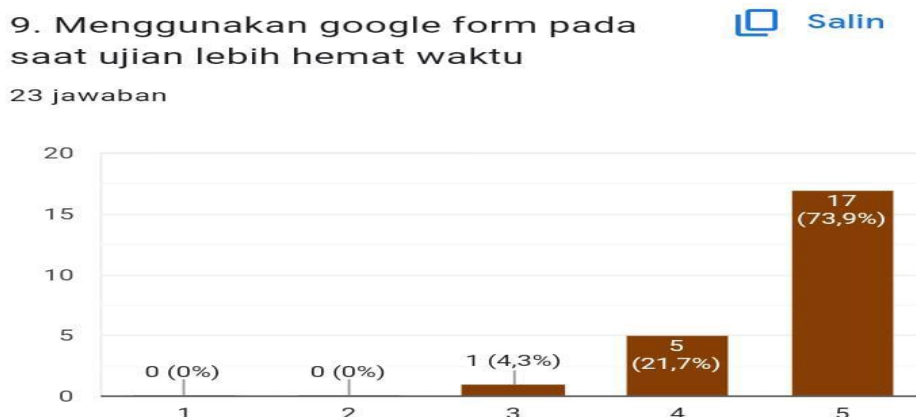
Figure 12. Using Google forms during the exam saves more time

Based on Figure 12 regarding the ninth statement, 21.7% or 5 students answered agree, 73.9% or 17 students answered strongly agree with the statement that using Google Forms can save students time. Time efficiency or punctuality when filling out exam questions is one of the things that students need to pay attention to. With the help of Google Forms, based on the data displayed, it is clear that on average students strongly agree with the statement that Google **Forms can save students' time.**
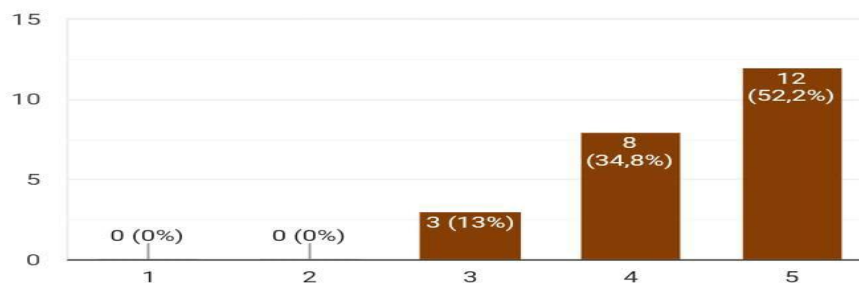
Figure 13. Google forms are more efficient to use during exams

Based on Figure 13 regarding the tenth statement, there were 34.8% or 8 students who answered agree, 52.5% or 12 students answered who strongly agreed with the statement that Google Forms are more efficient to use during exams. This can be a means for teachers to carry out exams, both daily, mid and final exams.

3.2 Discussion

Using Google Forms during exams really makes it easier for students in the learning process, especially as students can immediately understand and gain insight into the use of technology and the application of Google Forms. Based on the results of students' work, percentage results were obtained in the effectiveness of using Google Forms during the final even semester exams by students

No	Statement	Persentase Setuju dan sangat setuju
1	Google form is easy to use	78,3%
2	Using Google Form makes it easy to answer questions	91,3%
3	Using Google forms is more flexible in terms of time	91,3%
4	It's fun to answer exam questions with Google forms	86,9%
5	Through online exams using Google Forms, I further improve my abilities	82,6%
6	It is more effective during exams to use Google Forms compared to using question papers	91,3%
7	I am more satisfied during the exam using Google form	91,3%
8	I prefer exams using paper	47,8%
9	Using Google Forms during exams saves time	95,6%
10	Google Forms are more efficient to use during exams	87%

Table 1. Percentage results in the effectiveness of using Google Forms

Based on the research results in table 1, the use of Google Form is easy to apply, obtaining a percentage of 78.3% of students, ease in answering questions, obtaining a percentage result of 91.3% of students agreeing, Google Form in terms of time is more flexible, obtaining a percentage result of 91. .3% of students agree, the statement about how fun it is to answer exam questions using Google Form has a percentage of 86.9% of students agree. Through online exams with Google Form, 82.6% of students agree that I am more effective in exams using Google Form. compared to using question paper as many as 91.3% of students agree, I am more satisfied when taking exams using Google forms as many as 91.3% of students agree, I prefer exams using paper, as many as 47.8% of students agree, Using Google forms 95.6% of students agree that during exams it is more time-saving, 87% of students agree that Google Form is more efficient to use during exams, with the average being in the very good category.

This research is in line with the results of research which states that Google Forms can be used as a medium for assessing and evaluating student learning achievements [21]. The design of this research is quasi-experimental research. Based on the findings, the average score for the experimental class taught using the Google Forms application was 82.5, while the average score for the control class taught without using the Google Forms application was 68.2. Based on the average score of the two groups, it can be concluded that students in the experimental class obtained higher scores than students in the control class. The results show that the experimental group was able to perform better than the control group. It has also been proven that there is a significant influence of using Google Forms on evaluation results.

4. CONCLUSION

Based on the results of research data analysis conducted on class VIII students at Mts Al-Khariyah Bima, it can be concluded that the use of Google forms has proven effective in implementing the Even Semester Examination. This is proven by the answers from 23 respondents who stated that the use of Google Form was easy to apply with a percentage of 78.3% of students, the ease of answering questions resulted in a percentage of 91.3% of students agreeing, Google Form in terms of time was more flexible. The percentage results were 91.3% of students agreed, the statement regarding it was fun to answer exam questions with Google Form obtained a percentage of 86.9% of students agreed. Through online exams with Google Form, 82.6% of students agreed. More effective at the time. the exam uses Google Form compared to using question paper, 91.3% of students agree, I am more satisfied with the exam using Google Form, 91.3% of students agree, I prefer exams using paper, 47.8% of students agree. , Using Google Form during exams is more time-saving, 95.6% of students agree, Google Form is more efficient to use during exams, 87% of students agree with the average being in the very good category**.**

Based on the research results that have been described, Google forms can be used as assessment activities, learning evaluations and written tests. Google form is an effective and practical service in obtaining certain information. It is easy for users and can save media such as ink, paper, time and energy. However, of course what is no less important is that the security of the data filled in or stored will be guaranteed. The things entered in the Google form include name, email, agency of origin, cellphone number, and other items that may be needed. Google forms are very helpful in collecting data as a whole. Some of the functions of Google Forms in the world of education include: 1) Providing online practice/test assignments via website pages, 2) Collecting other people's opinions via website pages, 3) Collecting various student/teacher data via website pages, 4) Creating online registration forms for schools, 5) Share questionnaires with people online. One of the functions of Google forms is to create questionnaires in form. With this form we can create an attendance list, in the Google Form menu there are also many question option features, whether using short, long or optional answers. The use of technology in the education sector can have a positive impact on the development of the education sector. The presentation of data that has been collected from respondents can be presented in various forms. The data collected can be presented in diagram form, or in a spreadsheet.

5. ACKNOWLEDGMENTS

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