Learning Difficulties Analysis of the Students of Pendidikan Fisika Universitas Ahmad Dahlan to the subject Evaluasi Proses dan Hasil Belajar Fisika

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Abstract— Every student has a differences, it can be in physical, emotional, intellectual, or social, so the learning achievement can be different too. Students who get low on learning achievement usually regarded as troubled students. The cause of this situation can be revealed by diagnosing the difficulty of learning and ease the way to solve it. The subject Evaluasi Proses dan Hasil Belajar Fisika is a kind of difficult subject, it shown from the result of the student that far from satisfying. The learning difficulties of the student can be known from these four indicators: learning difficulty that comes from their self, learning difficulty that comes from the environmental lecture, learning difficulty that comes from their family, and learning difficulty that comes from the society. The sample of this research are students of Pendidikan Fisika Universitas Ahmad Dahlan 2015/2016 5th Semester shows that 13% of students had a very high difficulty, 27% of students had a high difficulty, 35% of students had a low difficulty and 25% of students had a very low difficulty.

Keywords: diagnosis, learning difficulty, evaluasi proses dan hasil belajar

I. INTRODUCTION

Teaching and learning is the main activity in educational process. The educational objectives can be achieved in the form of behavior within students, and has been the hope of all parties that every student can achieve their best according to their ability. Due to the successful achievement of educational objectives much depends on the learning process experienced by students as a learner [1].

In the process of learning, lecturer always wishes the best for their students. In fact, many students show symptoms that they cannot achieve the expected learning outcomes. Some students still get low grade though lecturers has given their best efforts. In a course process, lecturers are facing a problem that their student cannot attend the course smoothly. In other words lecturers are facing students with difficulty in learning [1].

Every student has their own characteristic that differ each other. Either in physical aspect, emotional, intellectual, and even social, so that their learning achievement they gain will be different too. Students who get low grade, usually regarded as a student with learning difficulties. But not all of the lecturers, teachers and parents know well about learning difficulties, how the symptoms and causes and how the diagnosis.

The cause of low grade achieved by student can be known by diagnose the learning difficulties, is that comes from themselves, learning environment, family, or come from the society. So the diagnosis is the way to know the cause of learning difficulties and ease us to resolve it. The “Evaluasi Proses dan Hasil Belajar” subject still assumed as a difficult subject to learn, it’s indicated from the student face a difficulty on analyzing question items, so that the students get a low grade.

From assumption above, the author interested to find and know the learning difficulties experienced by the students. If the difficulty not eradicated soon it will hamper the objective of learning process and the objective of learning will not be achieved. So that, analysis in order to know the learning difficulties of the student on the “Evaluasi Proses dan Hasil Belajar” subject must be done by lecturer and other parties that involved in education. Kind of difficulties and caused factor to the student need to be known as soon as possible to find alternative solution. It is aimed to prevent their difficulties keep drag on and brought up to a higher level.
II. LEARNING DIFFICULTY

Learning activities for each student not always occur naturally. Sometimes smoothly done, sometimes not, sometimes they can get what have to be learned, and sometimes it feels so difficult. Even high-spirited student, sometimes can be hard to concentrate. This fact is that we often encounter on the students in real life in relation to learning activities. Every student is different. This difference is the factor that caused a different habit to each student. According to what reference [2] has said that learning difficulties is a condition in learning process that characterized by a presence of barriers to achieve the expected result.

III. LEARNING DIFFICULTIES DIAGNOSIS

Every student is certainly eager for their study went smoothly and worked well. No student that expect a failure in their study, even though the reason for their study is not clearly defined. Failure will initiate a disappointment, frustration, even affect their psyche, in certain words the success is the main goal of study. In fact study in a college not always went smoothly; there will be one or two things that cause a failure and inhibit the progress of learning also bring out learning difficulties.

According to reference [3], the common cause of learning difficulties can be divided into 4 categories:

1. Learning difficulties that comes from themselves
2. Learning difficulties that comes from learning environment
3. Learning difficulties that comes from their family
4. Learning difficulties that comes from society environment

Each cause will be explained below:

A. Learning difficulties that comes from themselves

- Body health condition
  Student’s learning process will be disturbed when their body health is down. They will occasionally get tired, less spirited, headache and sleepy [3].

- Intelligence
  People who blessed with high intelligence will ease to success in learning [4]. Information will smoothly learn if they have a good intelligence, even though the success not always depends on intelligence.

- Student’s attitude on learning
  Student with bad attitude will be disliked by others, and then this student will feel alone and discriminated. This situation can cause disturbance in learning process [5].

B. Learning difficulties that comes from learning environment

- Teaching and learning process
  Way of the teacher delivers the lesson will affect the student on receiving the lesson. Learning in a higher level school is more to deliver and transform lesson from lecturer to students. So how well and persistent the teacher deliver the lesson to student will really affect the success of the student in learning process [3].

- Learning facilities
  To fulfill the task, students will need a lot of books to support the subject they take. Lack of the supporting books will affect the learning process of the students [3].
  Besides that, to support the learning process also they need learning tools. It can be a practicum kit either basic tools in class room. Lack of those tools will obstruct the learning process [3].

- Learning implementation
  Learning materials which is not match to the student’s ability to learn will hamper their study.
  Usually, in the preparation of material the lecturer is just follow the curriculum without comparing their student’s ability. It can be not match between their knowledge levels [3]. The unpredicted
schedule also can turn down the concentration of the students, sleepy, tire, even affect their health [3].

C. Learning difficulties that comes from family

- Less economy state
  This state will cause:
  a. Less learning tools from parent
  b. Less learning cost including pocket money
  c. Unwell learning places.
- High economy state
  This state will caused the student to be less active on learning, because everything they need is provided by their parents. It may also be spoiled by their parents; parents do not stand to see their son learned the hard way. This condition will inhibit the progress of learning [4].
- Parent’s attention and support
  Less attention from parents will lead the student to be free at will. And this situation will inhibit the learning progress too [3].

D. Learning difficulties that comes from the society

- Disturbance from friends
  In principle, there is no prohibition in friends with the opposite sex as long as still in a normal way. However, many dangers which the result of this association will deliver further consequences that disrupt their learning activities [3]. Friends in the study will be great significance for us who are learning. Have a friend is really important in discussion, task assignments, share difficulties, and support each other [3].
- Active in organization and extracurricular
  Active in organization is a good thing to do for student, but if this activity delivers a bad result in learning then it will be a hindrance in learning [3].

IV. Result

Table below shows students frequencies that have learning difficulties, 13% in very high level difficulties, 27% in a high level of difficulties, 35% low level difficulties, and 25% with very low level difficulties.

TABEL 1. LEARNING DIFFICULTIES PRECENrage

<table>
<thead>
<tr>
<th>No</th>
<th>Score</th>
<th>Relative Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Score 4 (Very High)</td>
<td>13%</td>
</tr>
<tr>
<td>2</td>
<td>Score 3 (High)</td>
<td>27%</td>
</tr>
<tr>
<td>2</td>
<td>Score 2 (Low)</td>
<td>35%</td>
</tr>
<tr>
<td>4</td>
<td>Score 1 (Very Low)</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>
The respond from the respondent is showed in figure 1 below.

![Figure 1: Student's Learning Difficulties Levels](image)

The learning difficulties of Pendidikan Fisika Fakultas Keguruan dan Ilmu Pendidikan Universitas Ahmad Dahlan student is in low level. Showed by the result, there are 35% students have learning difficulties. It can be caused by many things, such as themselves alone, campus environment, and society. The difficulty comes from their own, will be hard to identified, and even though it was identified there may be a state to leave that unchanged. Some of them is hard to receive a lesson from lecturers, so it can be an evaluation to them so the lesson can be well delivered to students.

Besides that, there is a lack of mastering of the foreign language (especially English). The learning institute can be the reason why there is a difficulty on learning, it is because student needs guidance from the lecturer and a good facilities.

Family environment can affect too. Economic and control from their parents are a chained factor. Some parents still not control their child on the study progress.

REFERENCES