

Communication Strategy For Enhancing Quality of Graduates Nonformal Education Through Computer Based Test (CBT) in West Java Indonesia

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Abstract

Improving the Quality of Education in Indonesia is not only done through formal education but have done also through non-formal education. As obtained in this study indicate that the competence of learners in the non-formal educational environment is quite good. In particular, the results of measurements carried through Based Computer System Test (CBT) on the subjects of national test results are quite good. This finding is close enough to the results of competency tests conducted on learners in the formal educational environment. In particular, from 5 subjects tested participants vote non-formal education students averaged a score of 222 out of a maximum score of 300. The results are supported by qualitative data about the competency test with CBT majority of states strongly agree. The conclusion shows that the results of research on the use of CBT in measuring the quality of graduates of non-formal education in Indonesia are successful, especially in West Java.

Keywords: Communication Strategy, Computer Based Test, Competence, Non-Formal Education.

INTRODUCTION

Improving the quality of education is not as simple as we think. There are a number of conditions that must be observed attentively and wisely. Such conditions may not be found in developed countries, however in developing countries, Indonesia, is still much to be observed, for example in the development of non-formal education. As has been done in the research conducted by the author with an emphasis on aspects of literacy and the results achieved at the time of assessment of learning using Computer Based Test (CBT) for learning Non-formal Education Religious, where in this case, it is built by the Ministry of Religion of the Republic of Indonesia. The sample tests from the region of West Java province shows that the results highly vary. This study is quite interesting, considering that the participants will conduct a further test that later they can explore and reflects on the results obtained that appear immediately on the monitor. As explained in one of the research on the development of CBT that includes:

- (a) The student's login page;
- (b) The admin's login page;
- (c) The question page;
- (d) Student's results page;
- (e) Question upload and configuration page;

- (f) Result's summary page; and
- (g) User quality assurance / performance scoring of the CBT system. (Fagbola Temitayo M., Adigun Adebisi A., Oke Alice O, 2013: 339-341).

The research was carried out specifically to look for the ability of the learner in the following aspects

- (1) The achievement of the learning objectives;
- (2) The administration management of the CBT-based test;
- (3) The mastery of CBT-based test;
- (4) The improvement of the learning towards CBT; and
- (5) The achievement of the quality of graduates of non-formal education through CBT packages. From all five aspects of the research for the study sample in west Java province by taking samples 25 districts/cities with representation each of 2 people.

METHOD

The study was conducted using Survey Laboratory through the stages of research on samples that have been taken in the proportion of 50 people from 25 districts / cities in West Java. Stages of collecting data by this method begin by providing a questionnaire regarding the implementation of CBT in each region, followed by a working test exam questions at the Laboratory of computer-based CBT Divlat Telkom Indonesia. Thus the instrument is used in connection with the measurement-based CBT test results and analysis of opinion regarding the implementation of CBT test in an environment of religious non-formal education in West Java.

THEORETICAL REVIEW

CBT has long been introduced as an alternative in the process of assessment in education and learning. Its presence in Indonesia was not too into something be reliable because many systems organizing prior learning assessment imposed. Since the implementation of Information and Communication Technology in 2003, a number of environmental policy on the use of ICT in education both formal and non-formal start adopting innovations result from the construction of the world's ICT Center in each district / city. E-learning, online learning, virtual learning, and the like, are included in the development of ICT-based evaluation system that evolved into CBT (Computer Best Test). Basically the use of CBT in the context of mediated communication, including the study