Samoylenko Oleksandr,
Doctor of Pedagogical Sciences, Assosiate Professor,
Department of Economic and Mathematical Disciplines and IT,
National Academy of Statistics, Accounting and Audit

THE TYPES OF INTERACTIVE COMPUTER TESTS IN THE CONDITIONS OF THE INFORMATIONAL AND EDUCATIONAL ENVIRONMENT

The intensive development of information and communication technologies allows us to review the main approaches to the preparation of students. The specifics of the preparation of students needs to improve the efficiency of the educational process, requires the implementation of the principles of an individual approach to training and acquire practical skills. In the conditions of informational and educational environment it is expedient to fix the acquired skills with the help of interactive computer tests [1, 2].

For preparing students it is necessary to select the optimal elements for the creation of interactive computer tests to identify problems in their use, to determine how it is expedient to submit the material and to carry out control [3].

The article presents the study of using interactive computer tests in the conditions of the informational and educational environment. Interactive computer tests can be divided into test, graphic, animated and gamificated interactive computer tests. The use of each type in accordance with the purpose of the discipline provides a wide range of mastering skills.

Specific types of questions are used to create each type of interactive computer tests. For test questions it is appropriate to choose the following types of questions: multiple choice; true or false; text or numeric short answer; calculation. To form graphic questionsin the conditions of informational and educational environment it is recommended to use options drag and drop an image into text; drag and drop text onto images; drag and drop image to image; drag and drop graphic markers. To create gamificated types of interactive computer tests it is appropriate to use the following options: find a couple; classification; chronological sequence; puzzle; crossword. For making animated types of interactive computer tests it is advisable to use GIF images or videos. There is an opportunity to correct the educational content, forms and methods of its submission in the conditions of the informational and educational environment and to choose interactive computer tests for preparation of training courses.

In the conditions of the informational and educational environment one of the tools for checking the knowledge of students is interactive computer tests. It is necessary to take into account the purpose, type and discipline during the formation of the interactive computer tests's content [4]. It is provided the mastering of skills during training due to the use of different types of questions during the formation of an interactive computer test - test, graphic, animated, gamificated. It is recommended to correct the content of interactive computer tests according to the statistical information achieved from the survey.

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Siddiqui Aamir,
Data Scientist,
Mumbai, India

USING INFORMATION TECHNOLOGY IN ECONOMICS AND STATISTICS – PROBLEMS AND PERSPECTIVE

Abstract: This paper provides an overview of the use of information technology in statistics. Statistics play a significant role for the government to develop policies, manage the economy, and improve the living standards of the people. Advances in information technology have made it easier to disseminate official statistics to the masses. The World Health Organisation (WHO) provides statistical data of COVID-19 through WHO Coronavirus Disease (COVID-19) Dashboard every day that can be accessed by people all over the world through the internet. Information technology can play a major role in faster dissemination of official statistical data, improving accuracy, storage, and processing of a large amount of data. Statistical agencies around the world are using information technology to improve official statistics on a wide range of topics. With the help of information technology, AI and machine learning can apply to make a better decision about the present and prediction for the future.

I. Introduction.

Statistics is as old as human society. In India, during the reign of Mughal Emperor Akbar, we find detailed accounts of the administrative and statistical surveys conducted in the book Ain-i-Akbari or "Administration of Akbar" written by his court historian Abu Fazl (in 1596-97) in the Persian language [1, p. 1.1]. In modern days with the advent of information technology, statistics is not only applied in administration but also to the field of planning, economics, business, industries, biology, astronomy, psychology, education, medical science, and many more. The theoretical development of modern statistics came during the mid-seventeenth century with the introduction of the 'Theory of Probability'. Organizations use