

CREATING DYNAMIC DATABASE AND ORGANIZING OBJECTIVE MULTIPLE-CHOICE EXAMS ON THERMAL ENGINEERING MODULE

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Tóm tắt bằng tiếng Việt:

A critical feature of multiple-choice tests is the ability to test at the same time and with a high rate of accuracy on how wide and how deep the knowledge of the students is. The bigger the quantity of the students is, the more advantageous the multiple-choice test is because in comparison with other methods it owns another advantage which is cost-saving. However, if the database is not large enough, students will learn by heart the answer, the purpose of exams is not reached. In this article, the method of building dynamic database under multiple-choice test approach applied for thermal-engineering module exams is represented; the designing of exam papers and exam structure are then discussed; while the implementation of the module assessment for the academic year of 2012-2014 is also fundamentally evaluated. In this article, the method of building dynamic database under multiple-choice test approach applied for thermal-engineering module exams is represented; the designing of exam papers and exam structure are then discussed; while the implementation of the module assessment for the academic year of 2012-2014 is also fundamentally evaluated.

Từ khóa: test; exam; multiple choice; thermal engineering; dynamic database

Tóm tắt bằng tiếng Anh:

A critical feature of multiple-choice tests is the ability to test at the same time and with a high rate of accuracy how wide and how deep the knowledge of the students is. The bigger the quantity of the students is, the more advantageous the multiple-choice test is because in comparison with other methods, it owns another advantage which is cost-saving. However, if the database is not large enough, students will learn the answer by heart, the purpose of exams is not reached. In this article, the method of building a dynamic database under the multiple-choice test approach applied for thermal-engineering module exams is represented; the designing of exam papers and exam structure is then discussed while the implementation of the module assessment for the academic year of 2012-2014 is also fundamentally evaluated.

Key words: test; exam; multiple choice; thermal engineering; dynamic database.