

# The Innovative Approach of University Examination System under the Background of Innovation Ability Cultivation

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## Abstract

In the education system of colleges and universities, examination is a very important component. Through the examination, can effectively evaluate the student's learning effect, master the student's learning situation. With the continuous development of The Times, China's emphasis on education has been strengthened, and higher education reform has been continuously promoted. General Secretary Xi Jinping emphasizes that colleges and universities should cultivate students' innovative ability and shape innovative talents. Under such a background, colleges and universities must keep pace with The Times, innovate and optimize the examination system, give play to the positive significance of examination, and promote the healthy development of the education cause of colleges and universities.

## Keywords

Innovation Ability; Colleges and Universities; Examination System; Innovative Ways.

## 1. Introduction

With the development of The Times, social requirements for people continue to improve. As an important base of talent training, colleges and universities must play a key role in ensuring the quality of talents. Under the influence of traditional education concept, some colleges and universities still stay in the past education mode and continue the old way of exam-oriented education, which seriously restricts the initiative and creativity of students in learning and hinders the healthy development of education. Under the background of the new era, China's higher education is constantly reforming, colleges and universities must keep pace with The Times, take students as the foundation, cultivate students' innovation ability and inner quality, optimize the examination system, reform the examination content, and improve the examination effect.

## 2. Based on the Background of Innovation Ability Cultivation, the Important Value of College Examination System Reform

First, it helps to penetrate the sense of innovation

Now most of the college examination types are relatively single, fixed students in the examination room, issued a unified examination paper for the exam. The content of the examination paper generally revolves around the objective questions and focuses on the theoretical knowledge of the students. This examination mode seriously restricts the creative ability and autonomous learning ability of college students. Students passively accept examinations and gradually become rigid in their thinking. How can they improve their innovation ability? Therefore, we should reform the examination system, construct diversified examination contents, effectively integrate practice and theory, and examine students' practical level. From a variety of channels, a variety of perspectives, guide students to actively explore, active thinking, divergent thinking. Let them learn in the process of learning, take the initiative to find problems, analyze problems, solve problems, and form a good innovative thinking.

Second, it is helpful to enhance the innovation ability of college students

With the continuous development of the society, the penetration of western thoughts and the influence of pluralistic thoughts have led to changes in the current social ethos. Affected by the environment, the study mentality of college students in the ivory tower has gradually changed. Some college students are impetuous and have a strong utilitarian heart when facing learning. Learning is not from the heart, but in accordance with the social trend to go, which major popular to learn what. In the process of learning, the lack of study spirit, usually do not study, cram phenomenon is not rare. To some extent, examination affects students' learning direction. Colleges and universities must reform the examination system according to students' reality, improve students' ability to use knowledge and cultivate students' innovation ability.

Third, it is helpful to help college students form innovative personality

Most colleges and universities pay more attention to the examination process, and the invigilator is responsible for supervising the order in the examination room to prevent cheating and plagiarism. However, it ignores the assessment of students' pre-test status and post-test status, and lacks a correct cognition of the test. An examination lasting several minutes or several hours often requires the joint participation of college departments, educational administration departments and teachers in colleges and universities, to achieve a comprehensive assessment of students. Colleges and universities should cultivate students with virtue and cultivate students' comprehensive quality throughout the whole examination process, so as to play the real role of examination. Let the students pass the exam, gain something, make progress, exercise the mind, to achieve all-round development.

Colleges and universities are an important cradle for cultivating talents. Only by combining the goal of talent training with the needs of social development can the quality and quantity of talent training be guaranteed. In the management of college education, examination has always been an essential content. After the students take the written test, the teachers in colleges and universities will mark the paper and analyze the test results, to deeply examine the students' learning effect and facilitate the adjustment of the teaching mode of the next stage. In the past, the examination system of colleges and universities was generally based on written examination. Although the written examination, to a certain extent, can examine the students' grasp of theoretical knowledge, but it cannot fully examine the students' innovative ability and practical ability. This kind of examination system, obviously has been unable to conform to the development needs of the current era. Teaching, learning and examination are the main contents of China's higher education, which are independent of each other but complement each other. Reform the examination system, change the examination idea, and construct a sound evaluation system. With the help of examination reform, further improve students' innovation ability and practical ability, give play to students' subjective initiative, improve students' inner quality, and promote students' all-round development. With the progress of science and technology, information technology is widely used in the field of education. With the help of information technology, colleges and universities can also open online marking, test bank proposition and other channels to advocate paperless examination, saving resources and ensuring the quality of examination. It can be said that the reform of the examination system is an inevitable demand under the development of The Times.

### **3. The Innovation Approach of College Examination System under the Background of Innovation Ability Cultivation**

First, establish a sound examination system

In recent years, China's higher education has been undergoing constant reform and new requirements have been put forward. In the process of teaching, teachers should return the classroom to the hands of students, respect students' subject status, respect the individual

differences between students, teach students in accordance with their aptitude, and promote the personalized development of students. In the process of education, teachers should break away from the traditional education mode, give students more space to play, and improve students' subjective initiative. In the examination system reform, also need to carry out this idea. First, adjust the examination proportion. In the past, students' final exam results accounted for almost all the examination content. That is to say, the student's learning situation in this semester depends on a final exam paper to decide. This approach lacks science and rationality. Therefore, it is necessary to change this evaluation mode and add multiple, process and phased assessment contents. But also the classroom questions, attendance, homework completion, usually the examination into the assessment content, improve the proportion; Second, increase the assessment methods. From a single written examination, gradually developed a half-open book examination, open book examination, online test, practice assessment, course paper, group defense and other forms. For example, the half-open exam. When students enter the examination room, they can bring relevant supporting materials, such as formulas, concepts, etc. In the process of answering the paper, the key assessment of the students' ability to use knowledge. In this way, students do not have to focus on memorizing formulas and concepts, but spend more time on learning how to solve problems and improving their ability to use knowledge. This assessment method, to a certain extent, can help students to diverge their thinking, break away from the rigid learning mode, and help improve their innovation ability. Third, teachers and students jointly write questions. In the past, the exam questions in colleges and universities were generally set by teachers. Based on the position of innovative talent training, students can be invited to join in time, teachers and students together to write questions. In the process of setting questions, students need to have a comprehensive understanding of the content and outline they have learned, and at the same time, they also need to expand their scope of knowledge and examine their practical ability. This is not a small test for students. Students are bound to increase their learning time, improve their ability to study, and improve their learning topics. In the process of independent learning, we can give full play to our potential and improve our learning ability. Students' creation of questions is also an expression of respecting students' dominant status, which meets the educational needs of the new era and helps promote students' innovation ability and comprehensive quality.

Second, establish a scientific assessment system

The current examination system of colleges and universities is generally carried out around the content of textbooks, paying attention to the assessment of students' theoretical knowledge, and neglecting the assessment of students' practical ability and innovative ability. Therefore, in the reform of the examination system, it is necessary to increase the content of the examination, the quality education talent training objectives throughout. Especially for some operable and practical subjects, when setting the examination content, we can add some open questions, such as challenge questions, in combination with the content of the teaching material. In addition to analysis questions, judgment questions, multiple choice questions, fill in the blanks, but also can introduce discussion questions, practice questions, and so on. The topic has no standard answer, can guide the student, only play, divergent thinking. Let students break out of the fixed thinking mode, improve students' innovation ability and independent learning ability. Not only that, but places and hours can also be reformed. Combine the subject content, formulate different examination strategy. For example, extracurricular examinations and in-class examinations can be carried out. The location of examinations is not confined to the campus, but can also be extended beyond the campus to factories, computer rooms and laboratories. In a broader world, to investigate the students' practical ability. Let students' theoretical knowledge can be better consolidated, improve the ability of students to use knowledge to solve

practical problems. Cultivate the all-round development of applied talents, so that students can integrate into the society faster and put into the work post after graduation.

Third, to build an informationized examination system

Written examination is the main examination way in colleges and universities. A written examination will produce a large number of papers, which is very hard to mark, and it is difficult to promote colleges and universities to build a diversified examination mode. Now is the information age, information technology has been widely popularized and applied, colleges and universities can also timely seize the east wind of the information age, combined with the actual situation, to build a sound examination information platform. The construction of informationized examination platform can effectively realize paperless examination. Students can answer questions and complete examinations on the computer. To a certain extent, this can reduce the cost of manpower and material resources, improve the efficiency of marking, and ensure the quality of marking. Construction of information platform, constantly improve the way of examination. With the aid of information technology, issue topic discussion, test content, realize the separation of teaching and testing, adjust the order and content of the test paper. In this way, can effectively avoid cheating, ensure the test discipline, play the fairness of the test. The construction of information platform can dynamically record the assessment of students. Record paper comments, daily assignments, teacher-student interactions, test scores, daily Q&A and other contents. At the end of each semester, teachers can use these information data to further mine students' test scores, analyze students' learning ability, judge students' learning strengths and weaknesses, and summarize students' learning effects. On this basis, we should adjust the teaching mode and improve the teaching content. Construction of information platform, construction of information student archives, the development of students in colleges and universities will be recorded in the archives, improve the efficiency and quality of archives management in colleges and universities.

Finally, implement developmental evaluation

When colleges and universities evaluate students, they generally take the final exam results of students as reference, and the evaluation method is single, lacking comprehensiveness and rationality. A transcript cannot dynamically reflect a student's learning process and learning ability. If it is judged only by the transcript, it is not conducive to cultivating students' innovation ability. Therefore, colleges and universities to reform the examination system, we need to reform the evaluation way. To enter the group of college students, understand their learning state, observe their learning dynamics, from their learning process, find out their bright spots and shortcomings, carry out developmental evaluation. Development evaluation can effectively improve the status quo of wei achievement theory, helps to enhance students' passion of learning and independent exploring ability, let the students more active participation in learning activities, help them establish good innovation consciousness, improve their innovation ability, let them in the university four years of study, gradually grow up, become creative talents.

#### **4. Conclusion**

Reform and optimization of college examination system is an inevitable requirement under the development of The Times, as well as one of the important challenges faced by colleges and universities. Colleges and universities should combine innovative talents training target, summarizes era development rule, for a set of examination system suitable for their own development, improve the occasion, due to the material ShiKao, deepening the reform of exam system, build a sound test mode, to diversify examination form, test platform construction of informatization, exert students' subjective initiative, enhance the students' innovation consciousness and innovation ability, Promote the all-round development of students.

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