Competency Test Preparation Assistance Indonesian Pharmacy Diploma Students 2024

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Abstract
Pharmacy is one of the health fields combined with the chemistry which is responsible for ensuring the effectiveness and safety of drugs. To maintain the quality of Indonesian Pharmacy optimally and better in the future, reliable pharmacists are needed who come from a pharmaceutical background, especially Diploma Pharmacy students. The purpose of the mentoring activity in preparing for Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) 2024 is to strengthen the Pharmacy materials that have been previously taught and ensure the students are well prepared to face the competency exam so they can pass and practice professionally. The methods used the theoretical material reinforcement sessions, discussions, practice questions and try out or exam simulation conducted on 284 Pharmacy Diploma students and held online via zoom meeting by Neuroacademy. The result is the community service through mentoring activities in preparing for Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) received a positive response and enthusiasm from the participants who attended. It is expected that graduates of the Diploma in Pharmacy can become professionals in the field of Pharmacy who can proven knowledge, technical skills, Pharmacy management and have a high awareness of the importance of working in accordance with the applicable standards and the quality.

Keywords: Mentoring, Preparation, Competency Exam, Students, Diploma of Pharmacy

Abstrak
Farmasi adalah salah satu bidang kesehatan yang dikombinasikan dengan ilmu kimia yang bertanggung jawab untuk memastikan efektivitas dan keamanan obat. Untuk menjaga kualitas Farmasi Indonesia yang optimal dan lebih baik di masa depan, dibutuhkan farmasi-farmasi yang handal yang berasal dari latar belakang kefarmasian, khususnya mahasiswa Diploma Farmasi. Tujuan kegiatan pendampingan persiapan ujian kompetensi mahasiswa diploma farmasi Indonesia (UKMDFI) 2024 adalah untuk penguatan materi Kefarmasian yang sebelumnya telah diajarkan dan memastikan bahwa para mahasiswa siap dalam menghadapi ujian kompetensi dengan baik sehingga dapat lulus dan berpraktik secara profesional. Metode yang digunakan adalah sesi penguatan materi teori, diskusi, latihan soal dan try out atau simulasi ujian yang dilakukan terhadap 284 orang mahasiswa Diploma Farmasi dan diselenggarakan secara online melalui zoom meeting oleh Neuroacademy. Hasilnya adalah pengabdian kepada masyarakat melalui kegiatan pendampingan persiapan ujian kompetensi mahasiswa diploma farmasi Indonesia (UKMDFI) 2024 mendapatkan respon yang positif dan antusiasme dari para peserta yang hadir. Diharapkan lulusan mahasiswa Diploma Farmasi dapat menjadi seorang yang profesional di bidang Kefarmasian yang teruji pengetahuan, keterampilan teknis, manajemen Kefarmasian dan memiliki kesadaran yang tinggi akan pentingnya bekerja sesuai dengan standar dan mutu yang berlaku.

Kata Kunci: Pendampingan, Persiapan, Ujian Kompetensi, Mahasiswa, Diploma Farmasi

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Introduction

The contribution of the world of pharmacy to the world of health is enormous through the discovery of various medicines and rational treatment systems that prioritize patient safety (Haeria, 2017). According to Jagad ID (2024), Pharmacy is a field of health combined with chemistry which is responsible for ensuring the effectiveness and safety of drugs. Then, Amal et. al. (2023) also states that Pharmacy is related to aspects of drugs starting from the source of raw materials, production, use, analysis, distribution, storage and monitoring of drugs with the aim of ensuring the efficacy and safety of drugs in their use. To maintain optimal and better quality of Indonesian Pharmacy in the future, reliable pharmacists are needed who come from a pharmaceutical background, especially Pharmacy Diploma students.

A Diploma in Pharmacy student is someone who is studying in a Diploma program in Pharmacy at a University. The Pharmacy Diploma program usually has a duration of around 3 years and focuses on providing the practical knowledge and skills needed to work in the Pharmaceutical and health services industry as well as educating students to become professional and competent Pharmaceutical Technical Personnel in the field of Pharmaceutical services (Riyady, 2019). To maintain optimal and stable performance and skills in carrying out their duties, Indonesian Pharmacy Diploma students need to take a Competency Examination.

The Diploma of Pharmacy student competency exam is an exam that must be taken by Diploma of Pharmacy students after completing their study program to ensure that they are eligible, have the knowledge and skills necessary to practice as Pharmaceutical Technical Personnel. This competency exam is an important step in the process of obtaining the license or certification needed to work professionally in the Pharmacy field. In other words, this competency exam determines whether Diploma of Pharmacy graduates are eligible to be given a license or certification to practice in the field of Pharmacy. To carry out the Competency Examination process well so that the results are satisfactory or pass obtaining a license/certification, Pharmacy Diploma students really need thorough preparation in facing this competency examination. With this preparation, students have a strong understanding of all the Pharmacy material that will be tested, are confident and skilled in real practical situations, and meet the professional standards and regulations set by the Pharmaceutical Regulatory Agency.

Based on this, community service is carried out through assistance in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) which is carried out online via the zoom meeting application (a month with 2 meetings) and the implementation is in collaboration with Neuroacademy and IKMADIFARI (Ikatan Mahasiswa Diploma Farmasi Indonesia) with lecturers acting as resource persons. This competency exam preparation assistance was attended by a total of 284 students. This activity aims to ensure that students are well prepared to face competency exams so they can pass and practice professionally.
Implementation and Methods

Community service through assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) is carried out online through zoom meetings organized by Neuroacademy with the provision of 2 meetings per month. This competency exam preparation assistance activity will be carried out from September 2023 to July 2024. The timeline for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) preparation assistance activity will be carried out in the stages shown as follows:

1. Preparation for mentoring activities includes:
   a. Carry out planning and coordination with Neuroacademy as the organizer of assistance in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI).
   b. Ensure that the competency exam preparation assistance location is equipped with the equipment needed for this activity.
   c. Collecting data on participants who will take part in mentoring activities for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) preparation.
   d. Ensure that resource persons have professional knowledge and skills to teach the material that will be discussed later regarding the Pharmacy Diploma competency exam.
   e. Prepare theoretical material such as pharmaceutical services, pharmaceutical management, pharmaceutical technology and traditional medicine or natural ingredients. After that, prepare practice multiple choice questions and essays as well as a simulation exam with questions that are similar in format to UKMDFI to familiarize yourself with the timing and types of questions.
   f. Double check so that nothing is left behind.

2. Mentoring activities to prepare for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) were carried out twice a month starting from September 2023 to July 2024 through zoom meetings organized by Neuroacademy with a total of 284 Pharmacy Diploma students participating, including:
   a. The resource person opened the training activity by introducing himself to all participants who were present in the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) preparation assistance activity. Then, the resource person began providing an introduction to important topics in pharmacy such as pharmacology, pharmacokinetics, clinical pharmacy, and pharmaceutical technology.
   b. Resource persons in zoom meetings review important concepts and explain things that are difficult for students to understand and provide summaries and important notes that students can use as study material.
   c. Then the resource person opened a discussion session to discuss what needed to be done to prevent failure on the actual competency test.
   d. Then, the resource person also provides a collection of practice questions that are similar to the previous competency exam questions. The resource person
began discussing the practice questions in detail to ensure students understood how to answer correctly.

e. The resource person explained that exam simulation involves holding a mock exam with conditions similar to the real exam to practice time management and question answering strategies.

f. After the simulation exam is carried out, the resource person provides an evaluation of the simulation exam results to help students improve weaknesses.

g. After that, the resource person closed the assistance activities for preparing the competency exam.

The methods used in community service through assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) are material reinforcement, discussion, practice questions and try outs or exam simulations.

Some of the equipment used for assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) are laptops, internet networks, exam software or mobile applications, writing equipment such as pencils or pens, microphones, cameras, and zoom meetings.

The materials used for assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) are powerpoint materials for strengthening theory, syllabus, pharmacy textbooks, practice questions, question banks and guides for completing competency exams.

**Results and Discussion**

Community service through assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) is carried out by gathering participants who attend online into a virtual meeting room called a zoom meeting with the provision of 2 meetings a month starting from September 2023 to July 2024. In this process, guided by Dr. Teguh Setiawan Wibowo, M.M, M.Si., M.Farm., Apt., AIFO. as a resource person. After the participants appeared on their respective zoom meeting screens, the competency exam preparation assistance activities began to be recorded and the resource persons began to repeat the material about Pharmacy that would appear in the competency exam questions. The resource person explained first what UKMDFI is, which has been going on since 2017 until now. However, since 2023, it will become an exit exam or previously called the Pharmaceutical Technical Personnel Competency Examination, which is a collaboration between the Health Personnel Competency Test Organizing Institution, the Indonesian Pharmacy Diploma Education Association and PAFI. This competency test activity was organized by the Indonesian Ministry of Education and Culture. The resource person explained that this Pharmacy competency exam is a Computer Based Test (CBT) with 180 questions, an OSCE to test clinical competency objectively and is structured in the form of round stations with a certain time. The resource person explained that D3 pharmacy consists of D3 Pharmacy and D3 Pharmacy and Food Analysis. The resource person explained the percentage of test areas such as competency, domain, analytical
ability, scope, preparation and work stages of Health Technical Personnel. Then, the resource person stated that some of the materials used for testing were pharmacy services, pharmacy management, pharmacy technology and traditional medicine. Pharmacy services include prescription services, copying prescriptions, information services on pharmaceutical preparations, medical equipment and appropriate BMHP, self-medication services, and recording or reporting. Meanwhile, pharmaceutical management includes preparing data for planning the need for pharmaceutical supplies, medical equipment and BMHP, carrying out the procurement process for pharmaceutical supplies, medical equipment and BMHP, carrying out the process of storing pharmaceutical supplies, distributing pharmaceutical supplies and carrying out recording/reporting so that afterwards the pharmaceutical supplies are destroyed. Meanwhile, in Regarding pharmaceutical technology, the resource person explained that there are solid preparations, semi-solid preparations, liquid preparations and sterile preparations. Apart from that, the resource person explained about traditional medicine including sources, making simplicia, evaluating the quality of simplicia, extraction, herbal preparations, and herbal registration. After explaining everything, the resource person showed the participants how the questions could be done and a simulation of the competency exam that had to be taken. After understanding, discussing, practicing questions and just trying out, the resource person closed the activity.

During the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) competency exam preparation assistance activities, participants in the competency exam preparation assistance activities totaling 284 Pharmacy Diploma students met in a zoom meeting organized by Neuroacademy to strengthen material for students in carrying out competency exams. This competency exam assistance activity is carried out to ensure that students are prepared to face the competency exam well so that they can pass and practice professionally. Based on the results of the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) preparation assistance activities, the participants were very enthusiastic and enthusiastic in listening to the theory strengthening session related to Pharmacy and received positive responses from the participants present. Documentation related to the process of assisting activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) is shown in the following image.
Conclusions

Community service through assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) which is carried out online with provisions twice a month starting from September 2023 to July 2024 using zoom meetings organized by Neuroacademy including sessions on strengthening Pharmacy theory, discussions, practice questions and try outs or simulation exams and lecturers become resource persons and companions in this activity who are supported by parties who help prepare participants' equipment and needs during competency exam preparation assistance activities. This 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) competency exam preparation assistance activity was attended by a total of 284 Pharmacy Diploma students as an effort to strengthen the Pharmacy material that had previously been taught and to ensure that the students were prepared to face the competency exam well so they could pass and practice professionally. It is hoped that assistance activities in preparation for the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) can increase the percentage of passing the Pharmacy Diploma student competency exam and obtain professional expertise certification so that their knowledge and technical skills are beyond doubt or are in accordance with applicable standard procedures.

Based on the results of the 2024 Ujian Kompetensi Mahasiswa Diploma Farmasi Indonesia (UKMDFI) preparation assistance activities, it is hoped that Pharmacy Diploma student graduates can become professionals in the field of Pharmacy who have proven knowledge, technical skills, Pharmaceutical management and have a high awareness of the importance of working in accordance with standards and standards applicable quality.

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