

NON-PROFIT JOINT STOCK COMPANY
KARAGANDA TECHNICAL UNIVERSITY
NAMED AFTER ABYLKAS SAGINOV

Scientific and Methodological Council
Protocol No 5
«18» 03 2021



**PROGRAM
ENTRANCE EXAM**
for admission to the doctoral program
Educational program 8D07205 «Mining Engineering»

Department: Development of mineral deposits

Developed:
Imashev A.Zh., Head of the Department, PhD,
Isagulov S.T. Associate Professor, Candidate of Technical Sciences,
Rabatuly M., Associate Professor, PhD.

Preface

The program of the entrance exam for the educational program has been developed:

Imashev A.Zh., Head of the Department, PhD,

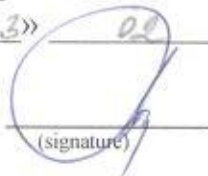
Isagulov S.T. Associate Professor, Candidate of Technical Sciences,

Rabatuly M., Associate Professor, PhD.

Discussed at the meeting of the DMD Department

Protocol № 12 от «03» 02 2006.

Head of the Department


(signature)

Imashev A.Zh. « » 20 .
(Full name)

**1. List of subjects of the entrance exam for the
educational program 8D07205 «Mining Engineering»**

**List of questions for admission to the doctoral program 8D07205 «Mining
Engineering»**

№	The name of the disciplines within the framework of the working curriculum 8D07205 «Mining Engineering»	Number of credits in RUP 7M07107/ Number of questions	Recommended literature
1	<p align="center">Module 1</p> <p>Disciplines: 1. "Practical geomechanics"; 2. "Improvement of drilling and blasting operations"; 3. "Modeling of mining systems".</p>	<p align="center">5/5/5 50</p>	<p>Questions 1,4-8,11,12,14,17-20 : [1]; Questions 2,3: [2]; Questions 9,10,16,17: [4]; Questions: 13: [5]; Questions: 15,16: [6]; Questions: 21-25: [7]; Questions: 26-30: [9]; Questions: 31,32: [10]; Questions: 33,34,41,42: [11]; Questions: 35-39: [13]; Questions: 46-48: [15]; Questions: 46-48: [16]; Questions: 49.50: [17]; Questions: 13: [5].</p>
2	<p align="center">Module 2</p> <p>Disciplines: 1. "Ensuring industrial safety"; 2. "Maintenance of mining operations"; 3. "Actual problems in mining".</p>	<p align="center">5/6/5 50</p>	<p>Questions 3-5, 17: 0[15] Questions: 30: [14]; Questions: 1,2: [17]; Questions: 9: [19]; Questions: 10-12: [20]; Questions: 23-29, 45-50: [21]; Questions: 44,46: [23]; Questions: 13: [5]; Questions: 28,42,43: [1]; Questions: 10-12: [4].</p>
3	<p align="center">Module 3</p> <p>Disciplines: 1. "Planning and management of scientific and innovative activities"; 2. "Methodology of scientific research".</p>	<p align="center">5/5/6 50</p>	<p>Questions 2,3: [2]; Questions 9,10,16,17: [4]; Questions: 13: [5]; Questions: 15,16: [6]; Questions: 9: [19]; Questions: 10-12: [20]; Questions: 23-29, [4]; Questions: 46-48: [16]; Questions: 49,50: [17].</p>