

**Gymnázium sv. Moniky, Tarasa Ševčenka 1, 080 01 Prešov**



***MATURITNÉ ZADANIA***  
***Z MATEMATIKY***  
(BILINGVÁLNE ŠTÚDIUM)

***Školský rok 2022/2023***

Schválil:

**Riaditeľ školy:**

Dátum: ..... Podpis: .....

**Predseda PMK:**

Dátum: ..... Podpis: .....

Each graduation assignment consists of three tasks. The tasks of any graduation assignment cannot be from only one subject area. All thematic units of the curriculum requirements must be represented in the school leaving examination assignments.

*Characteristics of graduation assignment tasks:*

It is given in the table.

*General aids:*

- A list of formulae for the regular term of the external part of the mathematics school-leaving examination (current for the school year).
- A calculator that is not part of a mobile phone cannot plot graphs, simplify algebraic expressions containing variables, calculate roots of equations.
- Drawing utensils - ruler, compass, protractor
- Wired models of solids figures.

*Assessment:*

(a) Each task of the graduation assignment is marked with a grade of 1 to 5.

(b) The weight of the assessment of each task is 1 : 2 : 2.

The formula used to calculate the weighted average is  $z = \frac{z_1 + 2 \cdot z_2 + 2 \cdot z_3}{5}$ , where  $z$  is the final grade after rounding and  $z_i$  is the grade for task  $i$ .

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Sets

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry - areas of plane figures

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions - linear function

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Planimetry – circle, straight line

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Numbers, variables, expressions – equations

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions - graphs

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Equations, inequations.

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – triangle, circle

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Analytical geometry – line and circle

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Number sections

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – triangle, goniometry

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Stereometry – metric problems

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Numbers, variables, expressions - equations

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Equations, goniometry

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Stereometry – metric problems

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Sequences

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Stereometry – cross sections

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions – graphs, equations, inequations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.



Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions - properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – areas of plane figures

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Numbers, variables, expressions - inequalities

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions – graph, properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Numbers, variables, expressions - sequences

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Equations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions – graph, properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – properties of plane figures

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Equations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Planimetry – triangles

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Number sections, logic, logical reasoning

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Numbers, variables, expressions - equations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Stereometry – surface areas of solids

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Planimetry – construction problems

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions – properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Functions - graphs

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Planimetry – similarity of figures

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Sequences

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Number sections, logic, logical reasoning

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Combinatorics

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions – graphs, properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Numbers, variables, expressions

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Stereometry – volumes and surface areas of solids

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.



Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Logic

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Sequences

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions, equations and inequations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Logic

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Stereometry – metric problems

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Equations, inequations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Planimetry – circle, straight line

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Goniometry, expressions

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions – properties, graphs

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Planimetry – construction, properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Combinatorics

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions, graphs, equations, analytical geometry

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Stereometry – positional properties

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Functions – linear function

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Analytical geometry

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Numbers, variables, expressions, number sections

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry - triangle

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions - graphs

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Stereometry – metric problems

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Equations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Stereometry – angles

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Numbers, variables, expressions

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Sequences

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.



Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Statistics

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Sequences

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions – linear function

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Combinatorics

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Analytical geometry

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Sequences

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Combinatorics

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Sequences

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Stereometry- cross sections

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Logic, logical reasoning

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Stereometry – volumes and surface areas of solids

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions - graph

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Numbers, variables, expressions – system equations

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – right-angled triangle

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions, equations, inequations

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Analytical geometry

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Functions – properties, graphs

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Statistics

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Functions

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Combinatorics

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Sequences

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.

Graduation assignment for the internal part of the school leaving-exams in  
mathematics

**Topic orientation of the tasks:**

*Task 1*

Probability

The student clarifies (defines) the given concepts, gives their examples and counterexamples, formulates their properties and relations between the given concepts. The dominant form is a monologue.

*Task 2*

Planimetry – areas of plane figures

The task focuses on argumentation and reasoning. The dominant form is a dialogue with members of the subject final examination committee.

*Task 3*

Functions – analytic line geometry

The task focuses on the process of solving a given problem with different alternatives. Any additional questions prepared in advance focus on alternatives to other numerical problems.



**Gymnázium sv. Moniky, Tarasa Ševčenka 1, 080 01 Prešov**



***MATURITNÉ ZADANIA  
Z INFORMATIKY***  
(BILINGVÁLNE ŠTÚDIUM)

***Školský rok 2022/2023***

Schválil:

**Riaditeľ školy:**

Dátum: ..... Podpis: .....

**Predseda PMK:**

Dátum: ..... Podpis: .....

## **Zadanie 1**

### **1 Algorithmic problem solving - working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - work in a computer network and on the Internet.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 2**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with multimedia.**

#### **Software and Hardware – Storage.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 3**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with graphics.**

**Software and hardware – working in a computer network and on the Internet.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 4**

### **1 Algorithmic problem solving – image.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with graphics.**

#### **Software and hardware - computer and peripherals.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 5**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and collaboration - presenting information through a website.**

#### **Software and hardware - working in a computer network and on the Internet.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 6**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – information.**

#### **Communication and collaboration - presenting information through a website.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 7**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - computer and peripherals.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).



## **Zadanie 8**

### **1 Algorithmic problem solving - working with text files and tuples.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – sound.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 9**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - anti-virus and anti-spyware work.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 10**

### **1 Algorithmic problem solving - working with text files and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Information society - security and risks.**

**Communication and collaboration - working with tools for collaboration and sharing information.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 11**

### **1 Algorithmic problem solving – applying mathematical operations.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representation and tools - working with spreadsheet.**

#### **Information society - security and risks.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 12**

### **1 Algorithmic problem solving - working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – encryption.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 13**

### **1 Algorithmic problem solving - working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – information.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 14**

### **1 Algorithmic problem solving – working with graphics and tuples.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - work in a computer network and on the Internet.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 15**

### **1 Algorithmic problem solving - working with a text file and strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with text files.**

#### **Communication and collaboration - working with tools for collaboration and sharing information.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).



## **Zadanie 16**

### **1 Algorithmic problem solving - working with graphics.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - work in the Operating System.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 17**

### **1 Algorithmic problem solving - working with strings, selections (if, else, elif).**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - computer and peripherals (Input and Output devices).**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 18**

### **1 Algorithmic problem solving - working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - work in the Operating system.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 19**

### **1 Algorithmic problem solving - working with strings, loops (for, while).**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – information.**

#### **Communication and collaboration - web search.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 20**

### **1 Algorithmic problem solving – working with strings and slices.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and collaboration - presenting information through a website.**

#### **Communication and collaboration - working with tools for collaboration and information sharing.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 21**

### **1 Algorithmic problem solving – working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and collaboration - web search.**

#### **Information society - legality of use.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 22**

### **1 Algorithmic problem solving – working with strings, user input.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representation and tools – information, conversions of number systems.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 23**

### **1 Algorithmic problem solving - working with graphics, conditions.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Software and hardware - work in the Operating System.**

#### **Information society - security and risks.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).



## **Zadanie 24**

### **1 Algorithmic problem solving - work with graphics, conditions, loops (for, while).**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and collaboration - web search.**

#### **Information society - security and risks.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 25**

### **1 Algorithmic problem solving – working with strings, user input.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and collaboration - web search.**

#### **Software and hardware - computer and peripherals.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 26**

### **1 Algorithmic problem solving - working with strings, loops (for, while).**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Communication and cooperation - working with communication tools.**

#### **Software and hardware - working in a computer network and on the Internet.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 27**

### **1 Algorithmic problem solving – working with strings, user input.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Information society – digital technologies in society.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 28**

### **1 Algorithmic problem solving - user input, loops (for, while).**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with spreadsheets.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 29**

### **1 Algorithmic problem solving – loops (for, while), user input.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with spreadsheets.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

## **Zadanie 30**

### **1 Algorithmic problem solving – working with graphics, working with strings.**

(Focus on solving the problem using the programming language Python, offering one or more solutions – explained and presented to the examination board).

### **2 Representations and tools – working with text files.**

**Communication and collaboration - working with tools for collaboration and information sharing.**

(focusing on argumentation and reasoning, is implemented in the form of a dialogue with members of the examination committee).

**Gymnázium sv. Moniky, Tarasa Ševčenka 1, 080 01 Prešov**



***MATURITNÉ ZADANIA***  
***Z GEOGRAFIE***  
(BILINGVÁLNE ŠTÚDIUM)

***Školský rok 2022/2023***

Schválil:

**Riaditeľ školy:**

Dátum: ..... Podpis: .....

**Predseda PMK:**

Dátum: ..... Podpis: .....



## **Thematic scope of the tasks**

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PLANET EARTH AND ITS DISPLAYING**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **IMPORTANCE OF GEOGRAPHY FOR HUMAN SOCIETY**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue



## **Thematic scope of the tasks**

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PLANET EARTH AND ITS DISPLAYING**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue



## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **IMPORTANCE OF GEOGRAPHY FOR HUMAN SOCIETY**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PLANET EARTH AND ITS DISPLAYING**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PLANET EARTH AND ITS DISPLAYING**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue



## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PLANET EARTH AND ITS DISPLAYING**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PLANET EARTH AND ITS DISPLAYING**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

## **Thematic scope of the tasks**

### **PHYSICAL-GEOGRAPHIC REGIONS OF THE WORLD**

The task is more broadly conceived, its aim is to test the student's knowledge and skills in the given area, the way of logical preparation and presentation of the answer to the given task, the selection of facts, concepts, and relationships.

- form of monologue

### **HUMAN-GEOGRAPHIC REGIONS OF THE WORLD**

The task is formulated as an application task.

The student's task is to demonstrate the most appropriate way of solving the problem, to defend the correctness of his/her approach and to be able to argue and communicate about the problem in question.

- form of dialogue

### **GEOGRAPHY OF THE SLOVAK REPUBLIC**

The task is formulated as a specific problem at the level of the highest thought operations (analysis, synthesis, evaluation, creativity), in solving which students can apply the knowledge and skills acquired throughout their studies, i.e. formulate a geographical question, correctly select data, analyse them, organise the data and evaluate them, answer the geographical question.

- form of dialogue

**Gymnázium sv. Moniky, Tarasa Ševčenka 1, 080 01 Prešov**



***MATURITNÉ ZADANIA***

***Z MATEMATIKY***

**(BILINGVÁLNE ŠTÚDIUM)**

***Školský rok 2022/2023***

Schválil:

**Riaditeľ školy:**

Dátum: ..... Podpis: .....

**Predseda PMK:**

Dátum: ..... Podpis: .....

## Thematic scope of the tasks:

**Philosophy:** Introduction into Philosophy, philosophical disciplines

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Law:** Constitutional development

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Philosophy:** Philosophical utopias

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*



## Thematic scope of the tasks:

### **Psychology and sociology:** Dynamics of mental processes

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Economics:** Factors of production and products

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Philosophy:** Sophists

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Political science:** Vertical division of power

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Philosophy:** Pre-Socratic natural philosophy

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Psychology and sociology:** Social inequality

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Political science:** Rule of law

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Socrates

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Inflation

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Economics:** Basic terms.

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Philosophy:** Plato

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Political science:** Nationality and minorities

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Psychology and sociology:** Personality types

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines your conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Aristotle

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Law:** Convention on the Rights of a Child

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Law:** Legal norms, legal force.

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Philosophy:** Jean Jacques Rousseau

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Political science:** President of the Slovak Republic

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Political science:** State and its forms

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Saint Augustine

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Unemployment

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Economics:** Basic economic questions and types of economies

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Philosophy:** Thomas Aquinas

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Political science:** European Union

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*



## Thematic scope of the tasks:

**Law:** Law and legal system

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Economics:** Market, types, subjects, and market mechanism

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Philosophy:** Soren Kierkegaard

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Philosophy:** Medieval philosophy

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Economics:** Business

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Law:** System of protection of human rights

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Economics:** Competition

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines your conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Francis Bacon

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Political science:** National Council

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Religious studies:** World religions

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Law:** Family law

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Monetary policy

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Political science:** Pressure groups

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** John Locke

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Fiscal policy

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Law:** Property rights

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Baruch Benedictus Spinoza and Gottfried Wilhelm Leibniz

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Money

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Law:** Consumer rights

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Rene Descartes

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Banks and banking

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Philosophy:** Modern Philosophy

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines your conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Political science:** Elections and electoral systems

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Psychology and sociology:** Culture

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*



## Thematic scope of the tasks:

### **Psychology and sociology:** Psychology as a science

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Friedrich Nietzsche

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Economics:** Economic cycle

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Political science:** State and its characteristics

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines your conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Law:** Criminal law

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Philosophy:** Pragmatism

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Law:** Legislative process

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Karl Marx

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Psychology and sociology:** Deviance

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Philosophy:** Mythos and Logos

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Psychology and sociology:** Intelligence, motivation, abilities

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Philosophy** George Berkeley

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

**Law:** Law in real life

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Political science:** Horizontal division of powers

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Philosophy:** Arthur Schopenhauer

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Psychology and sociology:** Learning

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Enlightenment

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Law:** System of the Courts

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Psychology and sociology:** Sociology

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** August Comte

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Political science:** Democracy

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Psychology and sociology:** Socialization and social groups

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Law:** Labour law

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Philosophy** Postmodern world

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*



## Thematic scope of the tasks:

### **Psychology and sociology:** Social interactions

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Law:** Human rights

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Philosophy:** Existentialism

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Psychology and sociology:** Feelings and emotions

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Philosophy:** Georg Wilhelm Friedrich Hegel

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Political science:** Political parties

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Political science:** Government

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### Task 2 **Philosophy:** Immanuel Kant

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### Task 3 **Psychology and sociology:** Family

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Thematic scope of the tasks:

### **Philosophy:** Renaissance

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

### **Psychology and sociology:** Family

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

### **Philosophy:** Machiavelism

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

## Assignment 30

**Law:** Civil law

*Level of knowledge and understanding.*

*Form of a monologue.*

*Examines conceptual apparatus in selected social science and knowledge of relationships of the concepts.*

**Psychology and sociology:** Stress and stress relieving techniques

*Level of application and analysis.*

*Examines the approach to problem solving, ability to find solution and reasoning skills.*

*Form of a dialogue.*

**Philosophy:** Concept of God in philosophy

*Level of synthesis.*

*Examines the ability to see broader context and to express an opinion.*

*Form of a dialogue.*

**Gymnázium sv. Moniky, Tarasa Ševčenka 1, 080 01 Prešov**



***MATURITNÉ ZADANIA***  
***Z DEJEPISU***

(BILINGVÁLNE ŠTÚDIUM)

***Školský rok 2022/2023***

Schválil:

**Riaditeľ školy:**

Dátum: ..... Podpis: .....

**Predseda PMK:**

Dátum: ..... Podpis: .....

## **Thematic Focus of the Questions**

---

### **World War II**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Rome**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World War II and Slovakia**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Rome**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Formation of Slovaks as a Modern Nation**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*



## **Thematic Focus of the Questions**

---

### **Interwar Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Slavs in Central Europe**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Czechoslovakia behind the Iron Curtain**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **World War II**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **The Kingdom of Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Czechoslovakia behind the Iron Curtain**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Medieval Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World History after World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Introduction to History**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **The Kingdom of Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Interwar Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Greece**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Modern Era in Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Rome**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World History after World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Slavs in Central Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **World War I**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **The Kingdom of Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World History after World War II**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Czechoslovakia behind the Iron Curtain**

*(The question is focused on synthesis and evaluation of historical phenomena, processes and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*



## **Thematic Focus of the Questions**

---

### **Formation of Slovaks as a Modern Nation**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Greece**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Medieval Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Rome**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World War II and Slovakia**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Greece**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Slavs in Central Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Modern Era in Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Ancient Rome**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Medieval Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Formation of Slovaks as a Modern Nation**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Ancient Rome**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Formation of Slovaks as a Modern Nation**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **River Valley Civilizations**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Introduction to History**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Introduction to History**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World History after World War II**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Greece**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World War II and Slovakia**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Medieval Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*



## **Thematic Focus of the Questions**

---

### **Medieval Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **The Beginnings of Human Civilization and Culture**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Formation of Slovaks as a Modern Nation**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Rome**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Ancient Greece**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Prehistory**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Interwar Europe**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Czechoslovakia behind the Iron Curtain**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Hungary**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Modern Era in Hungary**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **River Valley Civilizations**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Formation of Slovaks as a Modern Nation**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **World History after World War II**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World War I**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Czechoslovakia behind the Iron Curtain**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Greece**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Slovakia and Slovaks in Interwar Czechoslovakia**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Formation of Slovaks as a Modern Nation**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Introduction to History**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*



## **Thematic Focus of the Questions**

---

### **Czechoslovakia behind the Iron Curtain**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Formation of Slovaks as a Modern Nation**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Modern Era in Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Formation of Slovaks as a Modern Nation**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Modern Era in Europe**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Formation of Slovaks as a Modern Nation**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Modern Era in Europe**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **Ancient Greece**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*

## **Thematic Focus of the Questions**

---

### **Interwar Europe**

*(The question is fact-based, focused on a student's knowledge and understanding. A student is about to prove his/her knowledge regarding the given term, fact, definition, historical phenomenon or process. Monologue-based question.)*

### **Ancient Greece**

*(The question is focused on analysis and application of student's knowledge. A student should prove his/her ability to classify historical events, compare two historical phenomena or processes, compare more historical phenomena or processes, determine causes and effects of one, or more historical phenomena or processes, analyze political cartoon etc.)*

### **World War I and Slovakia**

*(The question is focused on synthesis and evaluation of historical phenomena, processes, and events. A student should be able to prove the ability to approach given historical contents critically, generalize and justify his/her opinions regarding the past).*