



Anglický jazyk

Forma: Kombinace písemné a ústní zkoušky

Výsledná známka se tvoří z výsledků písemné zkoušky (celkem 70%) a ústní zkoušky 30%.

The **speaking** part of the exam will be worth 30%. Each part of the **writing** will be balanced 35%.

Speaking	Didactic test	Writing
30%	35%	35%
10-12 minutes	45 minutes	30 minutes

Písemná zkouška:

The **written exam** will require students to respond to a given task. The student will have an hour and fifteen minutes to complete both tasks.

The text types they might encounter are:

- Formal letter or email
- Informal letter or email
- Article
- Report
- Review
- Story
- For-and-against composition
- Essay

The first part of the written exam will consist of a didactic test. The second part of the written exam will provide a choice of three prompts from which they must choose one.

The written part (letter, report..) will be graded on:

- * Appropriateness of register, tone, and style
- * Accurate formatting of the text type and overall organization, including the use of signposting language and cohesive language
- * Diversity, range, appropriateness, accuracy, and overall usage of grammar and vocabulary
- * Appropriate and accurate punctuation, spelling, and sentence structure
- * How well the student responds to the prompt (the level of detail, evidence, support, and/or example, where appropriate, and the clarity, coherency, and development of thought)



Writing	
Part 1	Part 2
45 minutes	30 minutes
The student will respond to given prompts. The tasks will include grammar, reading and listening tasks.	The student will respond to one prompt out of three given choices. The length of the response will depend on the style of text type, but on average it will be between 150-200 words.

The **speaking exam** will consist of three parts: student presentation, interactive discussion, and reflective discussion. The student will have fifteen minutes to prepare.

Speaking		
Part 1	Part 2	Part 3
4-5 minutes	4-5 minutes	2-3 minutes
The student will speak on his or her own for about five minutes on a chosen topic, with prompts to help guide the presentation.	The student and examiner will engage in an interactive discussion. It will be the student's responsibility to maintain the flow of the discussion.	The student will respond to a series of reflective questions from a variety of general topics (not listed below).

Speaking Topics

1. Ostrava and the surrounding area
2. Ostrava
3. The Czech Republic
4. Education systems in Czech and English-speaking countries
5. Holidays and festivals in the Czech Republic and around the English-speaking world.
6. Environmental issues now and in the future.
7. Global issues and current events
8. Sports
9. Cuisine
10. Art and music
11. Science



12. Media and communication

13. Getting involved

14. Great Britain

15. United States and Canada

16. Travelling

17. Health matters

18. Technology and Innovation

19. Book and literature

20. Books and literature II



Biologie

Forma: Kombinace písemné a ústní zkoušky

Písemná zkouška:

- délka 30 minut
- obsahem je průřezový test všech maturitních témat

Ústní zkouška před zkušební maturitní komisí

- příprava 15 minut
- ústní zkouška 15 minut
- výběr jednoho z 21 témat

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%.

Topics:

1. Cell biology

- Introduction to cells
- Surface volume ratio
- Stem cells
- Animal and plant cell
- Ultrastructure of cells
- Membrane structure
- Membrane transport
- The origin of cells

2. Cell division

- Cell cycle
- Cyclins
- Prokaryotic cell
- Eukaryotic cell
- Mitosis
- Meiosis

3. Molecular biology

- Molecules to metabolism
- Elements and compounds
- Water
- Cohesion and adhesion



4. Macromolecules

- a. Carbohydrates and lipids
- b. Condensation and hydrolysis
- c. Proteins
- d. Enzymes

5. DNA and RNA

- a. Structure
- b. DNA replication
- c. Transcription
- d. Translation

6. Metabolism, cell respiration and photosynthesis

- a. ATP
- b. Basic metabolic processes
- c. Cell respiration
- d. Photosynthesis
- e. Rate of photosynthesis

7. Genetics

- a. Genes
- b. Chromosomes
- c. HUGO
- d. Inheritance

8. Genetic modification and biotechnology

- a. Cloning
- b. Genetic diseases
- c. Mutations
- d. Hardy - Weinberg equilibrium

9. Ecology

- a. Species, communities and ecosystems
- b. Autotrophs and heterotrophs
- c. Energy flow
- d. Food chain and trophic levels
- e. Carbon recycling
- f. Climate change



10. Evolution

- a. Evidence for evolution
 - i. Fossil record
 - ii. Selective breeding
 - iii. Homologous structure
 - iv. Variation and divergence
- b. Natural selection
 - i. Darwin's finches
 - ii. Melanism
 - iii. Antibiotic resistance

11. Classification of biodiversity

- a. Carl Linné
- b. Main phyla of the plant kingdom
- c. Some phyla of animal kingdom
- d. Cladistics
 - i. Universality of DNA and protein structure
 - ii. Clades and cladistic

12. Plant biology

- a. Transport in the xylem of plants
- b. Transport in the phloem of plants
- c. Growth in plants
- d. Reproduction in plants

13. Digestion and absorption

- a. Organs
- b. Function
- c. Enzymes

14. The blood system

- a. Blood
- b. Heart
- c. Cardiac cycle
- d. Veins and arteries



15. Defence against infectious disease

- a. The body's first line of defence
 - i. Blood clotting
- b. Non-specific immunity
- c. Specific immunity and antibody production
- d. Antibiotics
- e. Vaccination
- f. HIV and AIDS

16. Gas exchange

- a. Organs
- b. Vital capacity
- c. Diseases

17. Hormones, neurons and homeostasis

- a. Hormones and their function
- b. Homeostasis
- c. Diabetes
- d. Thyroxin
- e. Leptin
- f. Melatonin
- g. Neurons and synapses

18. Reproduction

- a. Organs
- b. Anatomy
- c. Sperm and ovum
- d. Menstrual cycle
- e. IVF
- f. Pregnancy

19. Movement

- a. Muscles
- b. Contraction
- c. Joints
- d. Muscle fibre
- e. Bones



20. The kidney and osmoregulation

- a. Osmoregulation
- b. The kidney
- c. Osmoregulation in insects
- d. Dehydration
- e. Overhydration
- f. Dialysis

21. Senses and neurology

- a. Perception of stimuli
- b. Eye
- c. Ear
- d. Neural development
- e. Brain
- f. Innate and learned behaviour
- g. Ethology



Ekonomie

Forma: ústní zkouška v anglickém jazyce

Ústní zkouška:

Témata:

1. Demand and Supply

- a. Using an appropriate diagram and your knowledge of the determinants of demand, explain why the demand for meat might increase?
- b. Using an appropriate diagram and your knowledge of the determinants of supply, explain why the supply for rice might decrease?

2. Market Equilibrium and Efficiency

- a. Describe the concept of allocative efficiency and explain why it is achieved at the competitive market equilibrium.

3. Elasticities

- a. With the use of examples, explain why some products have a low price elasticity while others have a high elasticity.

4. Government Intervention

- a. Using a diagram explain the effect on various stakeholders of a high specific tax on alcohol.

5. Market Failure

- a. Using an appropriate diagram, explain how negative externalities are a type of market failure.
- b. What measures the government might adopt to correct market failure arising from negative externalities?

6. Measuring National Economic Performance

- a. Explain the process by which nominal GDP is calculated and distinguish it from real GDP.

7. Aggregate Demand and Aggregate Supply

- a. Using AD/AS diagrams, analyse the likely impact on an economy of the following:
- a general rise in wage costs - the discovery of a new material resources - capital stock increase

8. Macroeconomics Objective: Unemployment

- a. Distinguish between structural unemployment, frictional unemployment, and seasonal unemployment.



9. Macroeconomics Objective: Low Inflation

- a. Use an AD/AS diagram to explain two possible causes of demand-pull inflation.

10. Macroeconomics Objective: Economic Growth

- a. Outline three strategies which governments may use to increase their economic growth rates.

11. Macroeconomics Objective: Equity in Income Distribution

- a. Distinguish between progressive, regressive and proportional taxation, providing examples of each.

12. Fiscal Policy

- a. Explain why an increase in government spending not accompanied by an increase in taxes may lead to fall in private sector investment.

13. Monetary Policy

- a. List and explain 3 methods or tools used by central banks to control the money supply.

14. Supply - Side Policies

- a. Using an appropriate diagram(s), explain how supply-side policies are expected to affect national income.

15. International Trade

- a. Explain three benefits (gains) which might arise from international trade.

16. Protectionism

- a. Using an appropriate diagram, explain how tariff duties affect the different stakeholders.

17. Exchange rate

- a. Describe the factors that lead to changes in currency demand and supply and the possible economic consequences.

18. The Balance of payment

- a. Explain the four components of the balance of payment.

19. Economic Integration

- a. Distinguish between a free trade area, a custom union, a common market and monetary unions.

20. Introduction to Economic Development

- a. Explain how the Human Development Index is derived, and how it functions as a measurement of development.



Fyzika

Forma: Kombinace písemné a ústní zkoušky v anglickém jazyce

Písemná zkouška:

- průřez středoškolským učivem

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%.

Ústní zkouška:

Témata:

1. Content and meaning of Physics
2. Kinematics
3. Dynamics
4. Mechanical work and energy
5. Theory of state of matters, heat processes
6. Structure and properties of fluids
7. Gravitational field
8. Laws of conservation in Physics
9. Kinds of energy and their changes
10. Mechanical oscillation
11. Mechanical waves
12. Electric field
13. Electric current in matters
14. Electric circuit
15. Magnetic field



16. Electromagnetic induction

17. Alternating current

18. Electromagnetic wave and radiation

19. Wave properties of light

20. Geometrical Optics, optical devices

21. Quantum Physics, properties of elementary particles

22. Nuclear Physics

23. Special Theory of Relativity

24. Astrophysics

25. Cosmology



Chemie

Forma: Kombinace písemné a ústní zkoušky

Písemná zkouška:

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Ústní zkouška před zkušební maturitní komisí

- příprava 15 minut
- ústní zkouška 15 minut
- výběr jednoho z 20ti témat

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%.

Témata:

1. Stoichiometry

- a. The mole concept
- b. Mass distribution of materials (by composition, state-examples)
- c. Separation of mixtures of + examples, atomic and molecular weights,
- d. reacting masses and volumes

2. Atom

- a. Models of atoms (+ relevant scientists), the composition of the nucleus, the proton and nucleon number, mass defect, isotope and nuclide
- b. Electron shell
- c. Pauli principle, Hund's rule, Aufbau principle, types of orbitals
- d. The electron configuration of atoms, cations and anions, valence electrons, excited and ground state,

3. Periodic table of elements, periodic law

- a. History, explorers, periodic law, trends in PT (ionization energy, electronegativity, atomic radius, ...)
- b. groups and periods
- c. separation elements according to state, the metallic character,



4. Chemical bonding and structures

- a. Establishment of bond, strong and weak bonds,
- b. Types of bonds: covalent, polar, ionic, covalent coordination, single, multiple, sigma, pi
- c. intermolecular forces
- d. hybridization

5. Energetics and thermochemistry

- a. measuring energy changes
- b. Hess's law
- c. bond enthalpies
- d. energy cycles
- e. entropy and spontaneity

6. Chemical kinetics

- a. Collision theory
- b. rate expression
- c. activation energy

7. Equilibrium

- a. equilibrium
- b. The equilibrium constant
- c. changes in pressure, concentration, temperature
- d. The equilibrium law

8. Acid-base balance (theory of acids and bases), pH

- a. Theories of acids and bases
- b. properties of acids and bases
- c. The pH scale
- d. strong and weak acids and bases
- e. Lewis acids and bases
- f. pH curves
- g. acid deposition

9. Redox reactions

- a. oxidation and reduction
- b. electrochemical cell
 - i. voltaic cell
 - ii. electrolysis



10. Fundamentals of Organic Chemistry

- a. Basis of organic chemistry - carbon and its compounds in the hybridization; separation of compounds (according to chains, types of bonds, bonded groups, types of structures (empirical (= stoichiometric, molecular, geometric, functional, structural, conformation))
- b. inductive and mesomeric effect

11. The Saturated hydrocarbons

- a. Alkanes, cycloalkanes; formula, nomenclature, type hybridization, physical properties, chemical properties (reaction mechanism typical reaction, kinds of reactions), development, production, agents;
- b. conformation, cracking

12. The Unsaturated hydrocarbons

- a. Alkenes, dienes, alkynes; formulas, nomenclature, type of hybridization, cis-trans isomerism; physical properties, chemical properties (reaction mechanism typical reaction, kinds of reactions), development, production, agents;
- b. accumulates, isolated and systems conjugated double bonds;
- c. examples of compounds

13. Derivatives of the hydrocarbons

- a. halogenoderivatives
- b. hydroxyderivatives
 - i. alcohols, ethers, acids, aldehydes, ketones

14. Proteins

- a. amino acids
- b. structure
- c. electrophoresis
- d. function
- e. distribution
- f. importance



15. Lipids

- a. Function, division, physical properties, chemical properties, simple (fats, waxes) and compound lipids (phospholipids, glycolipids, lipoproteins); hydrolysis (saponification, acid hydrolysis), oxidation, hardened oils, representatives
- b. lipoproteins - VLDL, LDL, HDL

16. Enzymes and Steroids

- a. kinetics
- b. principles
- c. reactions
- d. inhibition
- e. Steran
- f. anabolics

17. Carbohydrates

- a. monosaccharides
- b. disaccharides
- c. polysaccharides
- d. stereoisomerism

18. Vitamins

- a. classification
- b. vitamin C
- c. vitamin A
- d. vitamin D

19. Nucleic acids

- a. distribution
- b. structure
- c. function
- d. GMO

20. Metabolic processes

- a. Carbohydrates
 - i. Krebs cycle
 - ii. photosynthesis
- b. metabolism of lipids



Matematika

Forma: Kombinace písemné a ústní zkoušky v anglickém jazyce

Písemná zkouška:

- průřez středoškolským učivem

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 67% a váha ústní zkoušky je 33%.

Ústní zkouška:

Témata:

1. Sets and mathematical logic

Basic terms

Set operations - union, intersection, difference, complement, Venn diagrams

Number sets (N, Z, Q, R)

Intervals and operations with them

Proposition and its negation, compound propositions (conjunction, disjunction, implication, equivalence)

2. Functions

Concept of function

Domain, range

Composite functions

Inverse function

The rational function, its graph, asymptotes

Applications

3. Linear functions and equations

Domain, range, properties (increasing, decreasing, even, odd, one-to-one, periodic)

The graph of a linear function, geometric meaning of coefficients a , b in $y = ax + b$

Absolute value functions

A constant function

Inverse function, transformation of graphs

Linear equations with one unknown and equations with unknown in a denominator

Expressing an unknown from a formula

Equations with absolute value

Solving two equations with two unknowns, both graphically and analytically



4. Quadratic functions and equations

Properties, graphs, transformations of graphs

Determination of a vertex, using $y = a(x - p)(x - q)$, $y = a(x - h)^2 + k$

Domain, range

Parameters a , b , c in $y = ax^2 + bx + c$

Inverse functions, composite functions

Solving quadratic equations (special cases)

Quadratic equations - the discriminant, Vieta's formula, graphical solution

Applications

5. Exponential functions and equations

Properties, graphs, transformations of graphs

Domain, range

Inverse function

The natural exponential

Exponential equations

Applications (growth and decay)

6. Logarithmic functions and equations

Properties, graphs, transformations of graphs

Domain, range

Natural logarithms, the change of base rule

Inverse function

Laws of logarithms

Logarithmic equations

Applications (growth and decay)

7. Circular functions and trigonometric equations - $\sin x$, $\cos x$

Properties, graphs, transformations of graphs

Domain, range

Radian measure

The unit circle and the trigonometric ratios

Arc length and sector area

The graphs of $y = a \sin(b(x + c)) + d$ and $y = a \cos(b(x + c)) + d$

Pythagorean theorem

The sine rule, the cosine rule and their using

Solving trigonometric equations

Relationship between trigonometric ratios(

$\sin^2 x + \cos^2 x = 1, \operatorname{tg} x \cdot \operatorname{cot} x = 1, \sin 2x = 2 \sin x \cos x, \cos 2x = \cos^2 x - \sin^2 x$)



8. Circular functions and trigonometric equations – tanx, cotx

Properties, graphs, transformations of graphs

Domain, range

Radian measure

The unit circle and the trigonometric ratios

Solving trigonometric equations

Relationship between trigonometric ratios

$$\sin^2 x + \cos^2 x = 1, \operatorname{tg} x \cdot \operatorname{cot} x = 1, \sin 2x = 2 \sin x \cos x, \cos 2x = \cos^2 x - \sin^2 x)$$

Tangent and gradient of a line

9. Arithmetic sequences and series

Definition, common difference

The general term formula

Sigma notation

Sum of a finite arithmetic series

Applications

10. Geometric sequences and series

Definition, common ratio

The general term formula

Compound interest

Sigma notation

Sum of a finite and infinite geometric series

Applications

11. The binomial expansion

Pascal's triangle

The binomial coefficient

The binomial theorem

Binomial distribution (mean, variance)

12. Vectors

The Cartesian plane, midpoint of a line segment, distance between two points

Components of a vector, column representation

Operations with vectors - algebraic and geometric approach

The scalar product of two vectors

The angle between two vectors and between two lines

Vector equation of a line

Finding the point of intersection of two lines



13. Statistics

Concepts of population, sample, survey, data, parameter, statistic, distribution, outliers)
Presentation of data : frequency distributions (tables), frequency histograms, box-and-whisker plots, outliers
Statistical measures and their interpretation (range, mean, mode, median, percentil, quartile, variance, standard deviation)
Linear correlation of bivariate data (scatter diagram, line of best fits)

14. Probability

Concept of trial, outcomes, events, universal set/sample set, complementary events, impossible events, certain events, mutually exclusive, dependent and independent events
Venn diagrams, table of outcomes, tree diagrams
Combined events, laws of probability
Conditional probability
Probability with and without replacement
Applications

15. Limits

Informal ideas of limit and convergence
Limit notation
Asymptotes
Rates of change
Differentiation from first principles

16. Differential calculus – rules of differentiation, applications

Simple rules of differentiation
The chain rule, the product rule, the quotient rule
Properties of curves - tangents, normals, increasing and decreasing functions, stationary points, inflections

17. Differential calculus – derivatives of functions

Derivatives of x^n , $\sin x$, $\cos x$, $\tan x$, e^x , $\ln x$
Simple rules of differentiation
The chain rule, the product rule, the quotient rule
Applications of differential calculus, optimization



18. Integration

Indefinite integration as anti-differentiation

Indefinite integral

Definite integrals

Integration of the composites of basic functions with $f(ax + b)$

Areas between curves

Volumes of revolution about the x-axis

Kinematic problems

19. Discrete random variables

Concept of discrete random variables

Discrete probability distributions

Expectation, fair games

The binomial distribution

20. Continuous random variable

Probability density function

Normal distribution

The standard normal distribution (Z - distribution)

Quantiles or k-values



Hodnocení ústní části maturitní zkoušky:

Celkem 55 bodů

Hodnocení písemné části maturitní zkoušky:

2 testy – každý za 55 bodů

Celkem 110 bodů

Celkové hodnocení maturitní zkoušky:

Celkový možný počet bodů: 165

Počet bodů	Procenta	Známka
148-165	90% - 100%	1
125-147	76% - 89%	2
97-124	59% - 75%	3
74-96	45% - 58%	4
0-73	0% - 44%	5



Německý jazyk

Forma: Kombinace písemné a ústní zkoušky

Písemná zkouška:

- délka 90 minut
- obsahem je slohová práce z následujících žánrů a tematických bloků:

Témata:

- Kommunikation und Medien
- Globale Fragen
- Soziale Beziehungen
- Gesundheit
- Freizeit

Žánry:

- Dopis a jeho variety, e-mail, interview, článek v novinách, řeč, vyprávění, blog, deníkový zápis, zpráva

Ústní zkouška před zkušební maturitní komisí

- příprava 15 minut
- ústní zkouška 15 minut
- výběr jednoho z 20 témat

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%. Ústní zkouška trvá 15 min. přičemž během prvních 5 min. Se student/ka představí a vede monolog k otázce. Zbýlých 10 min. je vedeno v duchu popisu fotky a konverzace se zkoušejícím a přísedícím.

Ústní zkouška:

Témata:

- 1. Tschechische Republik, Prag und andere Städte**
- 2. Döutschsprachige Länder**
 - BRD, Berlin
 - Österreich, Wien
 - Die Schweiz, Luxemburg, Liechtenstein



- 3. Sport**
- 4. Kultur**
- 5. Lesen und Literatur**
- 6. Persönlichkeiten der deutschsprachigen Länder**
- 7. Kommunikation und Medien**
- 8. Umweltschutz**
- 9. Schule und Bildung**
- 10. Feste und Bräuche**
- 11. Arbeit und Arbeitsleben, die größten Unternehmen der deutschsprachigen
Länder**
- 12. Alltag und Freizeit**
- 13. Wohnen und Leben ohne Eltern**
- 14. Gesundheit, Lebensstil**
- 15. Globalisierung und Migration**
- 16. Familie und Familienbeziehungen, Freunde**
- 17. Reisen und Tourismus**
- 18. Zukunft der Welt, der deutschsprachigen Länder und Technologie**
- 19. Essgewohnheiten, typische Küche**
- 20. Einkaufen und Geschäfte, Werbung**



Psychologie

Formou maturitní zkoušky je písemná maturitní práce a ústní obhajoba této práce před komisí v anglickém jazyce.

Výsledná známka je tvořena z výsledků dvou částí, kdy váha maturitní práce je 70% a váha ústní zkoušky (obhajoby) je 30%.

Témata:

1. Research in psychology

- a. The use of experiments in psychology - replication of experimental study
- b. The use of non-experimental methods in psychology - own qualitative research

2. Violence and Criminal Behaviour

- a. To what extent do biological and sociocultural factors determine criminal behaviour?
- b. Discuss short-term and long-term effects that violence can have on individuals.

3. Human relationships

- a. To what extent can attraction be explained by biological factors alone?
- b. What is the role of cultural factors in the formation of relationships?

4. Abnormal psychology

- a. To what extent are eating disorders a western phenomenon?
- b. Why are there gender differences in depression?

5. Genetics and behaviour

- a. Discuss the extent to which genetics influence behaviour.
- b. Discuss ethical considerations in research into genetic influences on behaviour.

6. Cognitive processes

- a. Evaluate schema theory with reference to research studies.
- b. Evaluate the extent to which memory is reliable.

7. Happiness

- a. Does culture matter in happiness?
- b. To what extent is it possible to increase one's happiness level?



8. Sociocultural cognition

- a. Explain the formation of stereotypes and their effect on behaviour.
- b. Evaluate social identity theory making reference to specific studies.

9. Social and cultural norms

- a. Discuss factors influencing conformity.
- b. Evaluate research on conformity to group norms.

10. Physiology and behaviour

- a. Explain the effects of neurotransmission on human behaviour.
- b. Explain the effects of hormones on human behaviour.



Španělský jazyk

Forma: Kombinace písemné a ústní zkoušky

Písemná zkouška:

- délka 90 minut
- obsahem je slohová práce z následujících žánrů a tématických bloků:
 - o **Témata:**
 - La lengua y la cultura
 - Los medios de comunicación tradicionales y su impacto
 - El medio ambiente
 - Las costumbres, creencias y tradiciones
 - El ocio
 - o **Žánry:**
 - Dopis a jeho variety, e-mail, interview, článek v novinách, řeč, vyprávění, blog, deníkový zápis, zpráva

Ústní zkouška před zkušební maturitní komisí

- příprava 15 minut
- ústní zkouška 15 minut
- výběr jednoho z 20 témat

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%. Ústní zkouška trvá 15 min. přičemž během prvních 5 min. Se student/ka představí a vede monolog k otázce. Zbýlých 10 min. je vedeno v duchu popisu fotky a konverzace se zkoušejícím a přísedícím.

Ústní zkouška:

Témata:

1. El español como lengua mundial
2. Fiestas, costumbres y tradiciones en los países hispanohablantes
3. La gastronomía checa y la española
4. Geografía e historia de España



- 5. Geografía e historia de Hispanoamérica**
- 6. Música y pintura en España e Hispanoamérica**
- 7. El país de América Latina que me atrae (historia, cultura, personalidades)**
- 8. La vida y obra de un personaje hispanohablante**
- 9. El cuerpo humano, salud y enfermedades**
- 10. Los derechos humanos, la inmigración, la discriminación**
- 11. Los medios de comunicación tradicionales y nuevos**
- 12. Vacaciones y turismo; lugares de interés en España**
- 13. Compras y servicios; la publicidad**
- 14. La escuela y la educación**
- 15. La familia y los amigos**
- 16. El trabajo y desempleo**
- 17. El medio ambiente y su protección**
- 18. La República Checa**
- 19. La Unión Europea**
- 20. El tiempo libre y los deportes**



Základy společenských věd

Forma: kombinace testu, vyhotovení písemné maturitní práce a ústní obhajoba maturitní práce v anglickém jazyce.

Známka z maturitní zkoušky zahrnuje z $\frac{1}{3}$ samotné hodnocení práce, z $\frac{1}{3}$ obhajobu maturitní práce a z $\frac{1}{3}$ výsledky z testu.

Test je průřezem znalostí středoškolského studia Základů společenských věd .

Témata:

1. Psychology

- a. Learning and cognition
- b. Human development
- c. Perception and stereotypes
- d. Theories of personality
- e. Psychology in everyday life

2. Sociology

- a. Socialization
- b. Mass media
- c. Deviance
- d. Social networks

3. Economy

- a. Online advertising
- b. Social Policies
- c. Fiscal and monetary policy
- d. Direct Tax

4. Philosophy

- a. German Philosophy
- b. Religious fundamentalism
- c. Middle Ages philosophy
- d. Rationalism vs. Empiricism

5. Politics

- a. Political Ideologies
- b. Direct democracy
- c. Democracy and philosophy
- d. Development of Czech Constitution



6. Law

- a. Torts
- b. Law and alternating birthing
- c. Death Penalty
- d. Justice Process in the Czech Republic
- e. Divorce and custody

7. International relationship and EU

- a. Federalization of EU
- b. EU myths
- c. Human rights
- d. Migration crisis

8. Other SS topic



Zeměpis

Forma: Kombinace písemné a ústní zkoušky obojí v anglickém jazyce

Písemná zkouška: formou eseje (výběr z pěti témat).

Výsledná známka se tvoří z výsledků obou částí, kdy váha písemné zkoušky je 30% a váha ústní zkoušky je 70%.

Ústní zkouška:

Témata:

1. **Freshwater I.** Drainage basin hydrology and geomorphology. Flooding and flood mitigation.
2. **Freshwater II.** Water scarcity and water quality. Water management futures.
3. **Extreme environments I.** The characteristics of extreme environments. Physical processes and landscapes.
4. **Extreme environments II.** Managing extreme environments. Extreme environments futures.
5. **Leisure, tourism and sport I.** Changing leisure patterns. Tourism and sport at the local and national scale.
6. **Leisure, tourism and sport II.** Tourism and sport at the international scale. Managing tourism and sport for the future.
7. **Changing population I.** Population and economic development patterns.
8. **Changing population II.** Changing populations and places. Challenges and opportunities.
9. **Global climate I.** Causes of global climate change.
10. **Global climate II.** Consequences and responses to global climate change.
11. **Global resource consumption and security I.** Global trends in consumption. Impacts of changing trends in resource consumption.
12. **Global resource consumption and security II.** Resource stewardship.
13. **Power, places and networks I.** Global interactions and global power. Global networks and flows.
14. **Power, places and networks II.** Human and physical influences on global interactions.
15. **Human development and diversity I.** Development opportunities.
16. **Human development and diversity II.** Changing identities and cultures. Local responses to global interactions.



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17. Global risks and resilience I. Geopolitical and economic risks.

18. Global risks and resilience II. Environmental risks. Local and global resilience.