

**Maturitní témata ústní části profilové zkoušky z Anglického jazyka (Šk. rok 2020/2021)**  
**Obor Mechanik seřizovač**

**1. a) Family and Family Relationships**

Family (family members, relatives, family celebrations, frequent causes of divorce)  
Stages of Life and Generations (growing up, adulthood, old age, generation problems)

b) **Branches of Technology** (classification of different branches of technology)

**2. a) Personal Characteristics**

Personal Facts (personal data, origin, relatives, personal biography, spiritual life)  
Appearance and Personality (general description, weight and build, positive personal qualities, negative/neutral personal qualities)  
Feelings and Emotions (positive and negative emotions, physical sensations)

b) **Design** (drawings, design development, design solutions)

**3. a) Housing and Living**

Ways of Living (different kinds of housing, labour-saving devices, furniture, housing problems in the Czech Republic)

My Home (general description of the house/flat and its surrounding, rooms, my children's room)

b) **Measurement in Engineering** (horizontal and vertical measurements, locating and setting out, dimensional accuracy, numbers and calculations, area, size and mass, measurable parameters)

**4. a) Food and Drink**

Food (basic foodstuffs, ingredients in the kitchen, methods of cooking, Czech and foreign cuisine, healthy eating, menu, eating out, recipes, table manners)

b) **Materials Technology** (material types, ferrous and non-ferrous materials, polymers, minerals and ceramics, concrete, wood)

**5. a) Leisure Activities and Entertainment**

Leisure Time and Hobbies (outdoor leisure activities, extreme sports, social activities, the most common hobbies)

Sports and Games (types of sports, places and equipment, people, sports competitions, health benefits and hazards of sports, popular sports in the Czech Republic and English-speaking countries)

Arts (cinema, theatre, gallery, exhibition, music, books, people, cultural events)

b) **Technological Properties** (tensile strength and deformation, elasticity and plasticity, stages in elastic and plastic deformation, hardness, fatigue, fracture toughness and creep, basic thermal properties)

**6. a) Travelling and Transport**

Means of Transport (road travel, rail travel, air travel, sea travel, advantages and disadvantages)

Tourism and Holidays (types of holidays, tourist attractions, holiday equipment)

Accommodation (types, rooms, meals)

b) **Steel** (carbon steels, alloy steels, corrosion)

7. a) **Education**

The Czech System of Education (stages of education, types of schools, universities)

School Building and Classrooms (places, classroom equipment, people, subjects)

Exams and Results (types of exams, assessment, feedback, motivation)

Education in the United Kingdom and the USA (types of schools, exams, universities)

b) **Steel Properties** (physical, chemical and mechanical properties of steel)

8. a) **Health and Diseases**

Body Parts and Organs (head, limbs, torso, internal organs, senses)

Doctors and Health Problems (diseases, injuries, symptoms and aches, treatment, people and places)

Prevention and Keeping Fit (preventive measures, problems, diet, physical exercise)

Czech Medical Care and Spas (Czech medical system, check-ups, health facilities, spas)

b) **Production in Mechanical Engineering** (production process, description, custom production)

9. a) **Shopping**

Types of Shops (food shops, other shops and places, equipment, payment)

Clothes (underwear, footwear, accessories, patterns, materials, attitude to fashion)

Accessories and Jewellery (typical men's and women's accessories, jewellery)

Payment Methods (currency, exchange office, cash machine)

b) **Heat Treatment and Chemical Heat Treatment** (common techniques, quenching, tempering, annealing, brittleness, casting, sintering and extruding metal)

10. a) **Geography and Nature**

Describing the World (the Earth and the solar system, land, waters, weather, climate, natural disasters)

Animals and Plants (animal classes, animal categories, plants, living conditions)

Seasons of the Year (characteristics of the four seasons of the year, activities)

Weather and Climate (weather forecast, impact of weather on mood, health, travelling)

b) **Machining** (machining and CNC, machining with cutting tools, guillotining and punching, high-temperature metal cutting techniques, laser cutting and UHP waterjets)

11. a) **Society**

Social Problems (people in society, social problems, crimes, criminals, punishment and drugs)

Global Problems (environment, nature conservation, pollution, wars and terrorism)

Science and Technology (sciences, scientific terminology, Czech scientists, technology)

Newspapers and Magazines, Mass Media (types of newspapers and magazines, contents, professions)

Television, Computers and the Internet (television, types of programmes, computer problems, hardware, software, basic operations, browser, communication, advantages and disadvantages)

b) **Surface Finishing** (electroplating, hot-dip galvanizing, powder coating, shot-blasting)

12. a) **Work and Profession**

Jobs (types of jobs, work conditions, getting and leaving jobs, at the office)

Applying for a Job (job interview, curriculum vitae, cover letter)

b) **Welding** (welding methods)

**13. a) Interpersonal Relationships**

Relationships (personal, school, virtual relationships, workplace, communication)

Traditions, Holidays and Celebrations (holidays and festivals in the Czech Republic, the UK and the USA, Easter, Christmas)

- b) **Soldering, Brazing, Electric Discharge Machining** (soft soldering and brazing, soldering flux, soldering iron, sinker and wire EDM)

**14. a) Services**

Types of Services (beauty and body care, culture and education, travel and food, public services and maintenance, money, customers)

- b) **Assembly** (assembly line, trial operation, hand tools for the assembly of products)

**15. a) Everyday Life**

Daily Routine (everyday activities, stereotypes, housework, free time)

Everyday Problems (poor time management, being clumsy, money, travelling, at home, other problems)

- b) **Metal Forming** (cold and hot forming, bending, drawing, blanking, extrusion, forging, rolling)

**16. a) Town and Village**

Living in Towns and Villages (advantages and disadvantages, centre and suburbs, buildings, giving directions)

My Hometown (basic characteristics, history, places of interest, likes and dislikes)

- b) **Cold and Hot Rolling** (description of cold and hot rolling processes)

**17. a) The Czech Republic, the European Union**

Basic Facts and Geography

People

History

Culture

The Political System

The European Union (foundation, flag, anthem, currency, policy)

- b) **Milling** (classification of milling operations, equipment, CNC pocket milling)

**18. a) The United Kingdom of Great Britain and Northern Ireland**

Basic Facts and Geography

People

History

Literature

The Political System

- b) **Coils – Processing and Service Centres** (coils, plates, kinds of flat products, blanking, steel service centre)

19. a) **The United States of America**

Basic Facts and Geography

People

History

Literature

The Political System

b) **Annealing** (batch annealing furnace, continuous annealing and processing line)

20. a) **English-Speaking Countries (Canada, Australia, New Zealand)**

Basic Facts and Geography

People

History

Places of Interest

The Political System

b) **Mechanical Fasteners** (bolts, washers, screws, screw anchors, rivets)

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