



**SILESIA  
UNIVERSITY**

SCHOOL OF BUSINESS  
ADMINISTRATION  
IN KARVINA

## Sample Test Questions for the Entrance Examinations for Entry into the First Year of the Bachelor's Degree Programme

### MICROECONOMICS

Microeconomics is the branch of economics that analyzes the market behavior of individual consumers and firms in an attempt to understand the decision-making process of firms and households. Sample test questions (7) for the online entrance test are divided into two baskets by difficulty (basket 1 - easy questions, basket 2 - more difficult questions). Correct answer could be verified in the last column of the table.

Basket	Sample test question	Answer (A)	Answer (B)	Answer (C)	Answer (D)	Correct answer
1.	1					
	For total revenues, the following are given:	sum of the production sold and the total costs	multiplication of the production sold and the total costs	sum of the quantity of production sold and the price of production	multiplication of the production sold and the price of production	d
2.	1					
	What examines the behavior of the economy as a whole:	macroeconomics	microeconomics	international economics	world economy	a



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Basket	Sample test question	Answer (A)	Answer (B)	Answer (C)	Answer (D)	Correct answer	
3.	1	A market surplus arises when the market price is ..... than the equilibrium and demanded quantities are ..... than offered.	higher, smaller	higher, bigger	lower, smaller	lower, bigger	a
4.	1	Individual demand represents:	demand of one buyer	demand of all buyers for one type of good	demand of all buyers for all goods	demand of all sellers for all goods	a
5.	2	According to economic theory, the main goal of the company is:	maximizing benefit	maximizing income	maximizing profit	maximizing consumption	c
6.	2	Forms of income arising from ownership and involvement of production factors in production processes are:	wages, prices and profits	wages, annuities, profits and interest	wages, annuities and interest rates	wages, annuities, profits and cost of capital	b
7.	2	The economic entities of the market include:	demand	supply	households	competition	c



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### MACROECONOMICS

Macroeconomics is a branch of the economics field that studies how the aggregate economy behaves. It focuses on trends in the economy and how the economy moves as a whole. Sample test questions (7) for the online entrance test are divided into two baskets by difficulty (basket 1 - easy questions, basket 2 - more difficult questions). Correct answer could be verified in the last column of the table.

Basket	Sample test question	Answer (A)	Answer (B)	Answer (C)	Answer (D)	Correct answer
1.	1	devaluation / revaluation	inflation / deflation	deflation / disinflation	appreciation / depreciation	c
2.	1	deficit	active	surplus	balanced	a
3.	1	expansion, peak, contraction, bottom	expansion, saddle, contraction, bottom	contraction, peak, expansion, bottom	bottom, contraction, peak, expansion	a



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Basket	Sample test question	Answer (A)	Answer (B)	Answer (C)	Answer (D)	Correct answer
4.	1					
	The basic goal of the central bank is:	ensure enough money in the economy	maintain price stability	maintain a predetermined exchange rate of the domestic currency	to support economic growth	b
5.	2					
	By deflation we mean:	steady rise in the price level	permanent decline in the price level	slowing down the growth rate of the price level	accelerating the growth rate of the price level	b
6.	2					
	The inflation rate, which reaches a value of over 1000%, is referred to as:	the price level grows in the economy	soaring inflation	hyperinflation	inertia inflation	c
7.	2					
	By economic growth we mean:	growth of real product over time	growth of nominal product over time	GDP growth at current prices per capita	nominal GDP growth per capita	a



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### MATHEMATICS AND STATISTICS

Mathematics and statistics are disciplines which are widely applied in areas such as finance, business, management, economics and other fields in the social sciences. Sample test questions (7) for the online entrance test are divided into two baskets. First basket consists of 4 sample test questions from the mathematics topic. Second basket contains 3 questions from the statistics area and function. Correct answer could be verified in the last column of the table.

	<b>Basket</b>	<b>Sample test question</b>	<b>Answer (A)</b>	<b>Answer (B)</b>	<b>Answer (C)</b>	<b>Answer (D)</b>	<b>Correct answer</b>
<b>1.</b>	1	The domain of a function of the form $f(x) = \ln(-x^2 + 4x)$ is equal to the set:	$(-4; 1)$	$(-1; 4)$	$(0; 4)$	$(1; 3)$	c
<b>2.</b>	1	The quadratic equation $x^2 - 6x + 8 = 0$ has solution:	$x_1 = 1;$ $x_2 = 2$	$x_1 = 2;$ $x_2 = 4$	$x_1 = -2;$ $x_2 = 4$	$x_1 = 1;$ $x_2 = 4$	b
<b>3.</b>	1	The set of all real solutions to inequality $2x^2 - 4x + 11 > 0$ is:	The set of all real numbers	The empty set	$(-3; 3)$	$(0; 4)$	a



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Basket	Sample test question	Answer (A)	Answer (B)	Answer (C)	Answer (D)	Correct answer	
4.	1	The expression $x^2 + 11x + 30$ can be written in the form	$(x + 5)(x - 6)$	$(x - 5)(x - 6)$	$(x + 5)(x + 6)$	$(x - 5)(x + 6)$	c
5.	2	How many three-digit numbers can be composed of digits 5, 6, 7, 8? (Single digits may be repeated.)	81	64	56	44	b
6.	2	Calculate: $\binom{7}{0} + \binom{7}{1} + \binom{7}{2} + 1!$	32	30	29	28	b
7.	2	The function $f(x) = e^x$ is	rising	falling	even	odd	a