Study Prerequisites Test

Jméno a příjmení: ....

Datum: ....

Instrukce k testu:

You have 50 minutes for the test. There are 25 questions. Only one answer is correct. Do not close or minimise the window of your browser. Do not forget to submit the test in time. The time is measured from the opening of your test in your browser. If you do not submit the test properly it will not be assessed.

Způsob vyhodnocení: *Only correct answers are counted.*

1. Which word best describes the opposite of the word *rejection*? 4

   Select one from the following options.

   a) contrast
   b) acknowledgement
   c) balance
   d) discouragement

2. The *false dilemma fallacy* occurs when an argument presents two options and implies that only one of them may be true, never both, and that there are no other possible options (www.futurelearn.com). 4

   Which statement corresponds to this kind of fallacy?

   Select one from the following options.

   a) Doing well in school always gives you a better future.
   b) My grandmother used to tell me that doing well in school is important, and she was always right.
   c) Schools are useless! My dad dropped out, and now he's a millionaire.
   d) If you don't do well in school, you'll end up on the streets!

3. From the group of four words choose one word that is different. 4

   Select one from the following options.

   a) sauce
   b) microwave
   c) kettle
   d) fridge

4. Read the text below and fill in the gap with the correct word. 4

   Money has evolved a lot over time. Nowadays a lot of people don't even use cash. They have credit cards and use them to pay directly. Soon metal coins and paper money .... be a thing of the past.

   Select one from the following options.

   a) won't
   b) should
   c) might
   d) would

5. Read the text below and choose a false statement. 4

"John Stuart Mill was an English utilitarian philosopher, political economist and MP. He was educated separately from other children of his age. Because of John's exceptional learning skills, his father decided to stimulate his superior intellect by hiring tutors to teach him. At three he started learning Greek, and on reaching the age of eight, he'd already read numerous books in Greek and began learning Latin. When he was twenty-four, he met his future wife, Harriet Taylor, but couldn't marry her until her first husband's death twenty-one years later. In Mill's opinion, the individual should be free to do as he wishes unless he harms others. He also wrote in favour of greater rights for women, fought against censorship, and, in Parliament, struggled for the right of workers in firms to elect their own management. Mill warned others that unlimited economic growth might logically lead to destruction of the environment, and, consequently, a reduced quality of life for everyone."

Select one from the following options.

   a) When Mill was an eight-year-old boy, he could read books in Greek and Latin with no difficulty.
   b) It's possible to find a trace of environmental awareness in Mill's philosophy.
   c) When Mill met Harriet Taylor, his future wife, she had got married to another man.
   d) Unlike most schoolchildren of his age, Mill didn't attend school.

6. From the group of four words choose the word which sounds different. 4

Select one from the following options.

   a) work
   b) pork
   c) walk
   d) talk

7. Which definition and phrasal verb is not correct? 4

Select one from the following options.

   a) do, perform - carry on
   b) take care of - look after
   c) stop (a habit, a hobby) - give up
   d) stop arguing - make up

8. **Errores medicorum terra tegit.** 4

What is the meaning of this Latin sentence?

Select one from the following options.

   a) Physicians' mistakes cover the ground.
   b) There is a broken heart in this nonsensical world.
   c) The world is full of bad drugs.
   d) Reasonable errors are the salt of the earth.

9. One ounce of gold is worth roughly 80 ounces of silver. Eric bought 3 ounces of gold and 22 ounces of silver for 6,026 USD. What is the price of 1 ounce of silver? 4

Select one from the following options.

   a) 64
   b) 2
   c) 23
   d) 11

10. The terms *insolvency*, *liquidation*, or *business register* are used predominantly in: 4

   Select one from the following options.

   a) Physics
   b) Psychology
   c) Medical science
   d) Law

11. Fill in the most appropriate three words to complete the following passage (in order): 4

   "We cannot leave any violation of the territorial .... of a sovereign state without a reaction. We would create a dangerous .... in which such behaviour could be considered acceptable. The response of the international community should be quick and tough, but ....to such a situation."

   Select one from the following options.

   a) authority - status - explicit
   b) autonomy - axiom - relevant
   c) sovereignty - attribute – exact
   d) integrity - precedent - adequate

12. Choose one answer that best describes this proverb: 4

   You can't have your cake and eat it too.

   Select one from the following options.

   a) You can't force someone into a role for which s/he is not suited.
   b) To have two things that one desires, but they're normally impossible to get simultaneously.
   c) It is hard to achieve something important without causing unpleasant effects.
   d) People who have long been used to doing things in a particular way will not abandon their habits.

13. On 30/05/2022, The Guardian published an article titled *Starwatch: Virgo is at its most visible in northern spring skies* with the following passage: 4

   "Virgo, the virgin, is a prominent constellation in the northern spring skies. It is one of the zodiacal constellations, sandwiched between Libra to the east and Leo to the west. Being in the zodiac means the sun, moon and planets all pass through its boundaries at certain times; the moon every month, the sun once a year around the time of the autumnal equinox in September. At this time, Virgo is obviously in the daytime sky and therefore unobservable. Six months later during the spring, Virgo finds itself on the opposite side of the sky to the sun and is therefore best placed for observation in the night sky. As for the planets, they all traverse Virgo in accordance with their own orbital periods. The brightest star in Virgo is Spica, a blue giant star approximately 250 light years away. It represents an ear of grain being held by the maiden."

   This information directly implies:

   Select one from the following options.

   a) Because the moon changes its position every month, Virgo is observable only in the northern spring skies.
   b) Leo is not observable in the northern autumn skies.
   c) Zodiac signs are named after the sun, moon, and planetary constellations.
   d) Spica is east of Libra.

14. Under Article 107 of the Treaty on the Functioning of the European Union, "*save as otherwise provided in the Treaties, any aid granted by a Member State or through State resources in any form whatsoever which distorts or threatens to distort competition by favouring certain undertakings or the production of certain goods shall, in so far as it affects trade between Member States, be incompatible with the internal market.*"

    4

    What does this passage imply?

    Select one from the following options.

    a) Every form of State aid, which distorts or threatens to distort competition, is prohibited.
    b) Treaties may provide that certain State aid is compatible with the internal market even if it distorts competition.
    c) A subsidy granted by an EU member government is always prohibited.
    d) State aid can be delivered only through cash subsidies.

15. We have a coin that has two sides – head and tail. Each time we flip it, we make a bet. If we get the head, we win 3 times the amount of money we bet. We have 4 attempts. Unfortunately, we have bad luck today, and we have already lost 3 times. But we are convinced that the last attempt must turn out well as we assume that the probability of getting the tail again is only 1/16, that is 6.2 %. Thus, we bet enormous amounts of money.

    4

    Did we make a wise decision, and why?

    Select one from the following options.

    a) We did not make as wise a decision as we thought, as the chance to win is 75 %.
    b) We did not make a wise decision, as the chance to win is still 50 %.
    c) We did not make a wise decision, as once we have bad luck, it sticks to us the entire day regardless of the probability of winning.
    d) We made a wise decision, as the chance to win is 93.8 %.

16. In the book *Principles of Economics* (2006, N. Gregory Mankiw), there is the following passage:

    4

    "Graphs serve two purposes. First, when developing economic theories, graphs offer a way to visually express ideas that might be less clear if described with equations or words. Second, when analyzing economic data, graphs provide a way of finding how variables are in fact related in the world. Whether we are working with theory or with data, graphs provide a lens through which a recognizable forest emerges from a multitude of trees."

    What does this passage imply?

    Select one from the following options.

    a) Economic theories are expressed either by graphs or by words.
    b) Graphs serve to highlight certain relationships.
    c) Graph development has two phases.
    d) Theories are detached from reality.

17. In a hill-climb race, car A was first in the standings. Car B, which then overtook it, held the lead until barely a quarter of the way through the race, when it was overtaken by car C. Towards the end, with less than a quarter of the way to go, car A regained the lead. Which car led the field the longest?

    4

    Select one from the following options.

    a) Cannot be decided.
    b) Car A.
    c) Car C.

d) Car B.

18. In a bookstore, the price of a textbook equals the price of a novel. The price of an encyclopedia is twice the price of a novel. In the following table, compare the values of the expressions on the left and right and choose the correct answer.

The cost of eight textbooks, nine novels, and three encyclopedias.	The cost of seven textbooks, four novels, and six encyclopedias.

Select one from the following options.

a) The value on the left is equal to the value on the right.
b) The value on the left is less than the value on the right.
c) The value on the left is greater than the value on the right.
d) It cannot be clearly identified.

19. The official seat of the Court of Justice of the EU is.....

Select one from the following options.

a) Oslo
b) Luxembourg
c) London
d) Vienna

20. Which of the following pairs does not correspond to the relationship between the words *carpet - linoleum*?

Select one from the following options.

a) pen - pencil
b) cat - dog
c) poem - sonnet
d) cotton - linen

21. The following table provides approximate data on the structure of average household consumption expenditure by quintile for the distribution of net cash income per person in 2020 (adjusted according to the Czech Statistical Office).

	Households total	Households by net cash income per person				
		Lowest 20 %	Second 20 %	Third 20 %	Fourth 20 %	Fifth 20 %
Consumption expenditure in CZK	149 810	109 419	125 888	144 757	175 864	223 256
Structure of expenditure in %:	100	100	100	100	100	100
Food and non-alcoholic beverages	21	23	23	22	20	18
Alcoholic beverages, tobacco	3	3	3	4	4	3
Clothing and footwear	4	5	4	4	4	5
Housing, water, electricity, gas and other fuels	24	25	25	24	24	23
Furnishings, household equipment and routine household maintenance	7	6	6	7	6	8

(pokračování tabulky na další straně)

Health	3	3	3	3	3	3
Transport	10	9	9	8	10	11
Communication	4	5	4	5	4	4
Recreation and culture	10	9	8	10	11	10
Education	1	1	1	1	1	1
Restaurants and hotels	6	5	6	5	6	7
Miscellaneous goods and services	7	6	7	7	8	8

Determine how much money (in CZK) households in the first quintile spent on average in 2020 on clothing and footwear, alcoholic beverages and tobacco, and miscellaneous goods and services.

Select one from the following options.

    a) 32749
    b) 7646
    c) 15319
    d) 46464

22. One of the following pairs of countries is considering, in 2022, to join NATO: 4

Select one from the following options.

    a) Denmark and Finland
    b) Finland and Sweden
    c) Norway and Finland
    d) Norway and Sweden

23. What is the form of government in the Czech Republic?   4

Select one from the following options.

    a) Parliamentary constitutional monarchy
    b) Full presidential republic
    c) Semi-presidential republic
    d) Parliamentary republic

24. Graphics cards have disappeared from the warehouse. Chuck, Nora, and Bruce were blamed because they were the only ones with access to the graphics cards. It was discovered that: 4

1) Chuck could not have taken the graphics without Nora's help.

2) Bruce is so incompetent that he could not have pulled off such an operation on his own.

Choose which statement is true:

Select one from the following options.

    a) Bruce is innocent.
    b) None of the previous options.
    c) Chuck is innocent.
    d) Nora was definitely involved in the theft.

25. What is the famous Brno castle called? 4

Select one from the following options.

    a) Spilberk
    b) Neuschwanstein
    c) Versailles
    d) Schoenbrunn

Study Prerequisites Test

1. Which word best describes the opposite of the word *rejection*?   1

   • acknowledgement

2. The *false dilemma fallacy* occurs when an argument presents two options and implies that only one of   1
   them may be true, never both, and that there are no other possible options (www.futurelearn.com).

   Which statement corresponds to this kind of fallacy?

   • If you don't do well in school, you'll end up on the streets!

3. From the group of four words choose one word that is different.   4

   • sauce

4. Read the text below and fill in the gap with the correct word.   4

   Money has evolved a lot over time. Nowadays a lot of people don't even use cash. They have credit cards
   and use them to pay directly. Soon metal coins and paper money .... be a thing of the past.

   • might

5. Read the text below and choose a false statement.   4

   "John Stuart Mill was an English utilitarian philosopher, political economist and MP. He was educated
   separately from other children of his age. Because of John's exceptional learning skills, his father decided
   to stimulate his superior intellect by hiring tutors to teach him. At three he started learning Greek, and on
   reaching the age of eight, he'd already read numerous books in Greek and began learning Latin. When he
   was twenty-four, he met his future wife, Harriet Taylor, but couldn't marry her until her first husband's
   death twenty-one years later. In Mill's opinion, the individual should be free to do as he wishes unless
   he harms others. He also wrote in favour of greater rights for women, fought against censorship, and,
   in Parliament, struggled for the right of workers in firms to elect their own management. Mill warned
   others that unlimited economic growth might logically lead to destruction of the environment, and,
   consequently, a reduced quality of life for everyone."

   • When Mill was an eight-year-old boy, he could read books in Greek and Latin with no difficulty.

6. From the group of four words choose the word which sounds different.   4

   • work

7. Which definition and phrasal verb is not correct?   4

   • do, perform - carry on

8. **Errores medicorum terra tegit.**   1

   What is the meaning of this Latin sentence?

   • Physicians' mistakes cover the ground.

9. One ounce of gold is worth roughly 80 ounces of silver. Eric bought 3 ounces of gold and 22 ounces of   1
   silver for 6,026 USD. What is the price of 1 ounce of silver?

   • 23

10. The terms *insolvency*, *liquidation*, or *business register* are used predominantly in: 1

   • Law

11. Fill in the most appropriate three words to complete the following passage (in order): 1

   "We cannot leave any violation of the territorial .... of a sovereign state without a reaction. We would create a dangerous .... in which such behaviour could be considered acceptable. The response of the international community should be quick and tough, but ....to such a situation."

   • integrity - precedent - adequate

12. Choose one answer that best describes this proverb: 1

   You can't have your cake and eat it too.

   • To have two things that one desires, but they're normally impossible to get simultaneously.

13. On 30/05/2022, The Guardian published an article titled *Starwatch: Virgo is at its most visible in northern spring skies* with the following passage: 1

   "Virgo, the virgin, is a prominent constellation in the northern spring skies. It is one of the zodiacal constellations, sandwiched between Libra to the east and Leo to the west. Being in the zodiac means the sun, moon and planets all pass through its boundaries at certain times; the moon every month, the sun once a year around the time of the autumnal equinox in September. At this time, Virgo is obviously in the daytime sky and therefore unobservable. Six months later during the spring, Virgo finds itself on the opposite side of the sky to the sun and is therefore best placed for observation in the night sky. As for the planets, they all traverse Virgo in accordance with their own orbital periods. The brightest star in Virgo is Spica, a blue giant star approximately 250 light years away. It represents an ear of grain being held by the maiden."

   This information directly implies:

   • Leo is not observable in the northern autumn skies.

14. Under Article 107 of the Treaty on the Functioning of the European Union, "*save as otherwise provided in the Treaties, any aid granted by a Member State or through State resources in any form whatsoever which distorts or threatens to distort competition by favouring certain undertakings or the production of certain goods shall, in so far as it affects trade between Member States, be incompatible with the internal market.*" 1

   What does this passage imply?

   • Treaties may provide that certain State aid is compatible with the internal market even if it distorts competition.

15. We have a coin that has two sides – head and tail. Each time we flip it, we make a bet. If we get the head, we win 3 times the amount of money we bet. We have 4 attempts. Unfortunately, we have bad luck today, and we have already lost 3 times. But we are convinced that the last attempt must turn out well as we assume that the probability of getting the tail again is only 1/16, that is 6.2 %. Thus, we bet enormous amounts of money. 1

   Did we make a wise decision, and why?

   • We did not make a wise decision, as the chance to win is still 50 %.

16. In the book *Principles of Economics* (2006, N. Gregory Mankiw), there is the following passage: 1

   "Graphs serve two purposes. First, when developing economic theories, graphs offer a way to visually express ideas that might be less clear if described with equations or words. Second, when analyzing economic data, graphs provide a way of finding how variables are in fact related in the world. Whether we are working with theory or with data, graphs provide a lens through which a recognizable forest emerges from a multitude of trees."

   What does this passage imply?

   • Graphs serve to highlight certain relationships.

17. In a hill-climb race, car A was first in the standings. Car B, which then overtook it, held the lead until 1 barely a quarter of the way through the race, when it was overtaken by car C. Towards the end, with less than a quarter of the way to go, car A regained the lead. Which car led the field the longest?

   • Car C.

18. In a bookstore, the price of a textbook equals the price of a novel. The price of an encyclopedia is twice 1 the price of a novel. In the following table, compare the values of the expressions on the left and right and choose the correct answer.

The cost of eight textbooks, nine novels, and three encyclopedias.	The cost of seven textbooks, four novels, and six encyclopedias.

   • The value on the left is equal to the value on the right.

19. The official seat of the Court of Justice of the EU is..... 1

   • Luxembourg

20. Which of the following pairs does not correspond to the relationship between the words *carpet - linoleum*? 1

   • poem - sonnet

21. The following table provides approximate data on the structure of average household consumption expenditure by quintile for the distribution of net cash income per person in 2020 (adjusted according to the Czech Statistical Office). 1

	Households total	Households by net cash income per person				
		Lowest 20 %	Second 20 %	Third 20 %	Fourth 20 %	Fifth 20 %
Consumption expenditure in CZK	149 810	109 419	125 888	144 757	175 864	223 256
Structure of expenditure in %:	100	100	100	100	100	100
Food and non-alcoholic beverages	21	23	23	22	20	18
Alcoholic beverages, tobacco	3	3	3	4	4	3
Clothing and footwear	4	5	4	4	4	5
Housing, water, electricity, gas and other fuels	24	25	25	24	24	23
Furnishings, household equipment and routine household maintenance	7	6	6	7	6	8
Health	3	3	3	3	3	3
Transport	10	9	9	8	10	11
Communication	4	5	4	5	4	4
Recreation and culture	10	9	8	10	11	10
Education	1	1	1	1	1	1
Restaurants and hotels	6	5	6	5	6	7
Miscellaneous goods and services	7	6	7	7	8	8

Determine how much money (in CZK) households in the first quintile spent on average in 2020 on clothing and footwear, alcoholic beverages and tobacco, and miscellaneous goods and services.

• 15319

22. One of the following pairs of countries is considering, in 2022, to join NATO: 1

• Finland and Sweden

23. What is the form of government in the Czech Republic? 1

• Parliamentary republic

24. Graphics cards have disappeared from the warehouse. Chuck, Nora, and Bruce were blamed because they were the only ones with access to the graphics cards. It was discovered that: 1

1) Chuck could not have taken the graphics without Nora's help.

2) Bruce is so incompetent that he could not have pulled off such an operation on his own.

Choose which statement is true:

• Nora was definitely involved in the theft.

25. What is the famous Brno castle called? 1

   • Spilberk