# НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ УКРАЇНИ «Київський політехнічний інститут імені Ігоря Сікорського»

## Затверджую



Факультет лінгвістики

#### ПРОГРАМА

## вступного випробування з англійської мови

для вступу іноземців на перший (бакалаврський) рівень вищої освіти

Програму ухвалено:

Вченою Радою Факультету лінгвістики

Протокол № 8 від 27 березня 2025 р.

Голова Вченої Ради

Декан / Зоя КОРН€ВА

#### ВСТУП

Прийом вступників на навчання до КПІ ім. Ігоря Сікорського здійснюється відповідно до положень визначених «Порядком прийому на навчання для здобуття вищої освіти в 2025 році». Програму розроблено відповідно до «Правил прийому до КПІ ім. Ігоря Сікорського в 2025 році». Програму укладено для вступників, що складають вступне випробування з англійської мови для вступу на навчання для здобуття ступеня бакалавра.

## ОСНОВНИЙ ВИКЛАД

Програма вступного випробування створена з урахуванням Загальноєвропейських рекомендацій з мовної освіти. Об'єктами оцінки є мовленнєва компетентність у читанні, говорінні, а також мовні лексичні та граматичні компетентності.

#### **ЧАСТИНА І. ЧИТАННЯ**

Мета – виявити рівень сформованості вмінь вступників самостійно читати і розуміти автентичні тексти за визначений проміжок часу. Завдання для визначення рівня сформованості іншомовної компетентності в читанні зорієнтовані на різні стратегії.

У тестах оцінюється уміння вступників розуміти прочитаний текст, виокремлювати ключову інформацію, узагальнювати зміст прочитаного, робити висновки на основі прочитаного.

#### Вступник повинен вміти:

- ✓ читати текст і визначати мету, ідею висловлення;
- ✓ читати (з повним розумінням) тексти, побудовані на знайомому мовному матеріалі;
- ✓ читати та виокремлювати необхідні деталі з текстів різних типів і жанрів;
- ✓ диференціювати основні факти та другорядну інформацію;
- ✓ розрізняти фактичну інформацію та враження;
- ✓ розуміти точки зору авторів текстів:
- ✓ працювати з різножанровими текстами;
- ✓ визначати структуру тексту і розпізнавати логічні зв'язки між його частинами;
- ✓ встановлювати значення незнайомих слів на основі здогадки, схожості з рідною мовою, пояснень у коментарі.

## ЧАСТИНА II. ВИКОРИСТАННЯ МОВИ, ЛЕКСИКА

## ЧАСТИНА III. ВИКОРИСТАННЯ МОВИ. ГРАМАТИКА

Мета – виявити рівень сформованості мовленнєвих і мовних граматичних і лексичних компетентностей вступників. Вступник повинен вміти:

- ✓ аналізувати й зіставляти інформацію;
- ✓ правильно вживати лексичні одиниці та граматичні структури;
- ✓ встановлювати логічні зв'язки між частинами тексту.

#### ЧАСТИНА IV. ГОВОРІННЯ

#### Вступник повинен вміти:

✓ здійснювати усне спілкування в межах окремих сфер, тем і ситуацій.

## Структура вступного випробування з англійської мови

Білет складається з чотирьох частин.

Частина 1 «Читання» (Task 1) містить 10 завдань з вибором однієї правильної відповіді. Кожне завдання має основу та три варіанти відповіді, з яких лише одна правильна.

Частина II (Task 2) «Використання мови. Лексика» містить 15 завдань. Завдання має основу та три варіанти відповіді, з яких лише одна правильна.

Частина III (Task 3) «Використання мови. Граматика» містить 15 завдань. Завдання має основу та три варіанти відповіді, з яких лише одна правильна.

Частина IV (Task 4) «Говоріння». Завдання на говоріння охоплює монологічне та діалогічне мовлення. Завдання містить перелік тем для усного обговорення.

## Схема нарахування балів за виконання завдань тесту

Таѕк 1. Кожне питання оцінюється в 0 або 2 бали: 2 бали — за правильно встановлену відповідність; 0 балів, якщо правильної відповідності не встановлено, або вказано більше однієї відповіді, або відповіді на завдання не надано.

Максимальна кількість балів – 20.

Таsk 2. Кожне питання оцінюється в 0 або 2 бали: 2 бали — за правильно встановлену відповідність; 0 балів, якщо правильної відповідності не встановлено, або вказано більше однієї відповіді, або відповіді на завдання не надано.

Максимальна кількість балів – 30.

Таѕк 3. Кожне питання оцінюється в 0 або 2 бали: 2 бали — за правильно встановлену відповідність; 0 балів, якщо правильної відповідності не встановлено, або вказано більше однієї відповіді, або відповіді на завдання не надано.

Максимальна кількість балів – 30.

Task 4. Перевіряється іншомовна компетентність у монологічному та діалогічному мовленні. Максимальна кількість балів – 20.

Загальна кількість балів, отриманих за виконання всіх завдань випробування, складає 100 балів.

#### ПРИКЛАД БІЛЕТУ

Total: 100 points

Task 1. Reading.

(20 points)

## Read the text below. For questions (1-10) choose the correct answer (A, B, r C). Skyscrapers

A skyscraper is a tall, continuously habitable building of many floors, usually designed for office and commercial use. There is no official definition or height above which a building may be classified as a skyscraper. One common feature of skyscrapers is having a steel framework from which curtain walls are suspended, rather than load-bearing walls of conventional construction. Some early skyscrapers have a steel frame that enables the construction of load-bearing walls taller than of those made of reinforced concrete. Modern skyscrapers' walls are not load-bearing, and most skyscrapers are characterized by large surface areas of windows made possible by the concept of steel frame and curtain wall. Skyscrapers since 1960s utilize the tubular designs, innovated by a Bangladeshi-American structural engineer named Fazlur Rahman Khan. This engineering principle makes the buildings structurally more efficient and stronger. It reduces the usage of material (economically much more efficient), while simultaneously allows the buildings to reach greater

heights. It allows fewer interior columns, and so creates more usable floor space. It further enables buildings to take on various shapes. There are several variations of the tubular design; these structural systems are fundamental to tall building design today. Other pioneers include Hal Iyengar, William LeMessurier, etc. Cities have experienced a huge surge in skyscraper construction.

Today, skyscrapers are an increasingly common sight where land is expensive, as in the centres of big cities, because they provide such a high ratio of rentable floor space per unit area of land. They are built not just for economy of space; like temples and palaces of the past, skyscrapers are considered symbols of a city's economic power.

- 1. What is a skyscraper?
  - A. A small, single-story building
  - B. A tall, multi-story building designed for commercial use
  - C. A building with load-bearing walls made of reinforced concrete
- 2. What is a common feature of skyscrapers?
  - A. Load-bearing walls made of reinforced concrete
  - B. A steel framework from which curtain walls are suspended
  - C. Small surface areas of windows
- 3. What is the purpose of curtain walls in skyscrapers?
  - A. To support the building's weight
  - B. To provide structural stability
  - C. To cover the steel framework and allow for large surface areas of windows
- 4. Who innovated the tubular designs used in modern skyscrapers?
  - A. William LeMessurier
  - B. Fazlur Rahman Khan
  - C. Hal Iyengar
- 5. What is the benefit of the tubular design in modern skyscrapers?
  - A. It allows for more interior columns
  - B. It reduces the usage of material and creates more usable floor space
  - C. It makes buildings structurally weaker
- 6. Why are skyscrapers increasingly common in big cities?
  - A. They are symbols of a city's economic power
  - B. They are cheaper to build than small buildings
  - C. They take up less land area than small buildings
- 7. What is the significance of skyscrapers in a city's economic power?
  - A. They are used for residential purposes
  - B. They provide a high ratio of rentable floor space per unit area of land
  - C. They are built for architectural beauty
- 8. What did early skyscrapers have that enabled the construction of load-bearing walls taller than those made of reinforced concrete?
  - A. Steel frame
  - B. Curtain walls
  - C. Conventional construction
- 9. What do modern skyscrapers' walls look like?
  - A. Load-bearing walls made of reinforced concrete
  - B. Curtain walls suspended from a steel framework
  - C. Made of bricks and mortar
- 10. Who are some pioneers in tall building design?
  - A. Fazlur Rahman Khan, Hal Iyengar, and William LeMessurier
  - B. Thomas Edison, Henry Ford, and Alexander Graham Bell
  - C. George Washington, Benjamin Franklin, and Thomas Jefferson

Task 2. English in use. Vocabulary.

(30 points)

	, , , D C	~ ~ ~	(30 points)		
	t answer (A, B, C o				
		likes giving gifts to l			
A brave	B generous	C modest want to make a succes	D optimistic		
		D ambitio			
		something about the			
		C divorced			
14) We should be	about the futu	re. Things are getting	better all the time.		
		C optimistic			
15) The cruise was	wonderful. And our.	was really con	mfortable.		
		C pedal			
16) My dad is really	looking forward to	his business			
A trip	B travel	C journey	D excursion		
17) Recep what I ton	a you				
		C secrete	D secretiveness		
18) What happened	to me is really	• • • •			
A unusually	<b>B</b> odd	C od	D stranger		
19) I take the stairs	in my building becar	use the elevators aren	't		
A behind	B honest	C regular	D reliable		
20) There is still so	ne doubt among scie	entists about the	of global warming.		
A review	B cause	C effort			
21) The police are.	a murder tha	t happened last night.	They don't know who the killer is yet.		
A investigating	B coordinating	C demonstrating	D searching		
22) John has recent	y changed ms	He used to be an a	accountant, but now he's a real estate		
agent.	y changed his	He used to be an a	accountant, but now he's a real estate		
agent.	B mood		D career		
agent. A source	B mood	C profit	D career		
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31) I want to v	watch TV. Have y	ou seen remote?			
A an / the	<b>B</b> - / the	C the / a	<b>D</b> the / -		
32) We had on	nly one hour, but we.	the report on time.			
A could finish	ned B were able t	o finish C can finish	D were finished		
33) I'd prefer	to do the assignment	by I don't like group	work.		
A myself	B my own	C my	D me alone		
34) My Christ	mas present was very	I got a pair of socks	S.		
A amazing	B amazed	C disappointing	D disappointed		
35) I went into	o the room and the co	mputer wasn't there. Some	ebody it.		
A took	B was taking C had	was taken			
36) He said to	the police that his car	ſ			
A stole	B had stolen C was stole		<b>D</b> had been stolen		
37) Tom lives	in a mansion. He	rich.			
A must be	B should be	C can be	<b>D</b> isn't		
38) If I	she likes me, I'd ask h	er out. But she doesn't lik	e me.		
A know	B knew	C had known	D would know		
39) Did you re	emember the do	or when you left?			
A lock	B to lock	C locking	D to locking		
40) He opened	d a restaurant no	ot having a license.			
A in spite	B despite	C however	<b>D</b> although		

The information is taken from different resources. See references.

#### Task 4. Speaking

(10+10=20 points)

- a) Monologue speaking
- b) Dialogue speaking

## Topics for discussion:

- 1. Speak about the benefits of:
- Communication using technology
- Face-to-face communication.
- 2. Talk about the pros and cons of joining social networking sites. Speak about:
- Easy contact
- Security risk
- ... (your idea).
- 3. Speak about your future studies at the university. What are you going to study? Why did you choose this speciality? Is it a popular speciality in your country?
- 4. Speak about environmental pollution. What do you do to protect the environment? What is global warming? What are some things that can be recycled?
- 5. Speak about your future profession. What do you know about your field of specialization? What made you choose this profession? Outline your career prospects.

#### прикінцеві положення

Протягом вступного випробування не дозволяється використання вступниками паперових та електронних словників, довідників та електронних перекладачів.

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## РОЗРОБНИКИ ПРОГРАМИ

Ольга ПАВ.	ЛЕНКО – к. п	ед. н., доце	нт, доцент	кафедри англі	йської м	ови технічного
спрямування №1	(97)					
Наталія Ч	ІЖОВА –	викладач	кафедри	англійської	мови	гуманітарного
спрямування №3 _	Keef					
Програму ре	екомендовано:					
1000	нглійської мов 27 від 11 люто		о спрямува	ння № 1		
•	ача кафедри <sub>-</sub>	10 2025 6.	Олена МС	СКАЛЕНКО		
кафедрою а	нглійської мов	и технічног	о спрямува	ння № 2		
Протокол М	2 8 від 12 берез	вия 2025 р.				
Завідувач ка	федри	Юліа	на ЛАВРИ	Ш		
кафедрою а	нглійської мов	и гуманітар	оного спрял	ування № 3		
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Завідувач ка	федри	Ірина	i CIMKOB <i>i</i>	4		