

I. TOPIC (UNITS 1 → UNIT 5):

- A long and healthy life
- The generation gap
- Cities of the future
- ASEAN and Vietnam
- Global warming

II. PRONUNCIATION:

- Strong and weak forms of auxiliary
- Contracted forms
- Linking final consonants to initial vowels
- Elision of vowels
- Sentence stress and rhythm

III. GRAMMAR

- Past Simple and Present perfect
- Modal verbs: *must*, *have to* and *should*
- Stative verbs in the continuous form and Linking verbs
- Gerunds as subjects and objects
- Present Participle and Past Participle Clauses

IV. VOCABULARY:

- Words and phrases related to health and fitness.
- Words and phrases related to generational differences
- Words and phrases related to cities and smart living
- Words and phrases related to ASEAN
- Words and phrases related to global warming

I. FORM: 45- minute test- 40 questions.

- Pronunciation (2 questions)
- Stress (2 questions)
- Vocabulary and Grammar (5 questions)
- Filling in the short piece of information with words (6 questions)
- Arranging sentences into a paragraph or a letter (2 questions)
- Fill in the word, phrase or clause in the paragraph (11 questions)
- Reading comprehension (12 questions)

V. SAMPLE TEST

Mark the letter A, B, C, or D to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

- Question 1: A. culture B. current C. volunteer D. underground
Question 2: A. modern B. common C. operate D. conflict

Mark the letter A, B, C, or D to indicate the word that differs from the other three in the position of primary stress in each of the following questions.

- Question 3: A. promote B. value C. global D. muscle
Question 4: A. tradition B. efficient C. represent D. contribute

Mark the letter A, B, C, or D to indicate the correct answer to each of the following questions.

Question 5: The gym trainers advise that regular exercise is one of the best ways to keep_____.

- A. in use B. in contact C. in shape D. in common

Question 6: _____on an international project, the participants can have an opportunity to achieve leadership skills.

- A. Working B. Being worked C. Worked D. Works

Question 7: The talk show today will discuss how to strengthen ASEAN - US_____, especially in the development of economies.

- A. relatives B. realities C. religions D. relations

Question 8: Scientists advise_____a balanced diet to lose weights and improve health in general.

- A. to have B. having had C. having D. to be having

Question 9: To protect the environment, experts suggested that most cities_____use renewable energy instead of fossil fuels.

- A. should B. must C. don't have to D. shouldn't

Read the following advertisement/school announcement and mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 10 to 15.

🌐 Explore Innovation at IPITEx 2024!

Are you over 18? Join the Global Celebration of Ingenuity on Thailand Inventors' Day
On behalf of the National Research Council of Thailand (NRCT), It is a great pleasure to invite your organization and your network agencies to submit the invention and innovation **(10)**_____IPITEx 2024.

When you participate, you can :

- Connect with a diverse network of innovators.
- Showcase your inventions on an international stage.
- Foster **(11)**_____collaboration between Thai and international inventors/organizations.
- Contribute to the advancement of research, invention, and innovation.

Mark your calendar for February 2 - 6, and be part of the **(12)**_____! We eagerly anticipate your participation and contribution to the IPITEx 2024.

🔗 Join us in shaping the future! #IPITEx2024 #InnovationUnleashed #ThailandInventorsDay

Question 10: A. in B. on C. at D. for

Question 11: A. a B. an C. the D. Ø (no article)

Question 12: A. excitement B. exciting C. excited D. excitation

(Adapted from <https://www.ifia.com/ipitex-2024/>)

ANNOUNCEMENT OF SCHOOL INVENTION WORKSHOP.

The School LEMESON-MIT would like to announce:

- All students from High school and Community college **(13)**_____to be present and showcase their inventions on June 12-14,2024.
- You'll hear from expert speakers, educators, and colleagues about activities and techniques that help diverse student populations develop confidence in their ability to **(14)**_____in STEM.
- You will participate in small group workshops to develop skills tailored to your interests.

Meet and work with thought leaders in education as well as our Invention Education Fellows educators who have extensive experience incorporating invention education into the classroom.

Click here to meet the Fellows **(15)**_____you're interested in this Workshop.

Question 13: A. are encouraged B. be encouraged C. encouraged D. have encouraged

Question 14: A. take

B. engage

C. improve

D. update

Question 15: A. should

B. and

C. were

D. if

(Adapted from <https://lemelson.mit.edu>)

Mark the letter A, B, C, or D on your answer sheet to indicate the correct arrangement of the sentences to make a meaningful paragraph/letter in each of the following questions.

Question 16:

- a. Firstly, the process of invention often involves identifying a problem or need in society.
- b. This is followed by brainstorming ideas and conducting research to find possible solutions.
- c. Once a viable solution is conceptualized, inventors move on to prototyping and testing their invention.
- d. Invention is a crucial driver of progress and innovation in society.
- e. Finally, after refining the invention based on feedback and testing results, it can be brought to market or implemented for practical use.

A. d - a - b - c - e B. a - b - c - d - e C. b - c - a - d - e D. d - b - a - c - e

Question 17:

- a. However, it has lots of storage, it's very cheap.
- b. Hi, Anna, Guess what! I want to get a smartphone for playing games.
- c. I can't wait to show it to you!
- d. At first, The Royal 1000 looks great, but the camera isn't as good as some other phones.
- e. Mike knows a lot about phones and computers, and he helped me choose my birthday smartphone.
- f. See you soon!

A. b - c - a - e - d - f B. b - d - e - a - c - f C. b - a - d - e - c - f D. b - e - d - a - c - f

Mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 18 to 23

Coronavirus disease (COVID-19) is an infectious disease caused by the SARS-CoV-2 virus. Most people (18)___will experience mild to moderate respiratory illness and recover without requiring special treatment. However, some will become seriously ill and(19)__. Older people and (20)___like cardiovascular disease, diabetes, chronic respiratory disease, or cancer are more likely to develop serious illness. Anyone can get sick with COVID-19 and become seriously ill or die at any age.

The best way to prevent and slow down transmission is to be well informed about the disease and how the virus spreads. Protect (21)___and others from infection by staying at least 1 metre apart from others, wearing a properly fitted mask, and (22)___or using an alcohol-based rub frequently. Get vaccinated when it's your turn and follow local guidance.

The virus can spread from an infected person's mouth or nose in small liquid particles when they cough, sneeze, speak, sing or breathe. These particles range from larger respiratory droplets to smaller aerosols. It is important to practice respiratory etiquette, for example by coughing into a flexed elbow, and to stay home and self-isolate until you recover (23)___.

Question 18.

- A. infected with the virus
- C. **be** infected with the virus

- B. infecting with the virus
- D. being infected with the virus

Question 19.

- A. require medical attention
- C. requires medical attention

- B. required medical attention
- D. requiring medical attention

Question 20.

- A. this with underlying medical conditions
- C. one with underlying medical conditions
- B. that with underlying medical conditions
- D. those with underlying medical conditions

Question 21.

- A. itself B. herself C. himself D. yourself

Question 22.

- A. wash your hands B. washing your hands
C. washed your hands D. to wash your hands

Question 23.

- A. after you feel unwell. B. unless you feel unwell.
C. if you feel unwell. D. before you feel unwell.

Read the following passage and mark the letter A, B, C, or D to indicate the correct word or phrase that best fits each of the numbered blanks from 26 to 30.

Scientists are studying genes that could mean long life for us all. There are already many, many people who live more than a hundred. There are many (24)_____ studies of communities where a healthy old age is typical. In Calabria, a small village has a population of about 2,000. And of these 2,000 people, there are (25)_____ eight people over a hundred years old.

In the past, scientists looked at some conditions such as diet and lifestyle for an explanation of long life. However, these days they are also looking at genetic factors. Eric Topol, a researcher, says that there are probably genes that protect people (26) _____ the effects of the ageing process. The new research into long life investigates groups of people who have a genetic (27) _____. In Calabria, researchers constructed the family trees of the 100-year-old people. They looked at family information from the 19th century to today. They think that there are genetic factors that give health benefits to the men. This is interesting because (28) _____, in Europe, women live longer than men.

(Adapted from <https://www.ngllife.com/long-and-healthy-life>)

- Question 24:** A. linguistic B. impossible C. part-time D. scientific
Question 25: A. at last B. at once C. at least D. at ease
Question 26: A. of B. from C. with D. on
Question 27: A. connection B. movement C. emission D. treatment
Question 28: A. fortunately B. generally C. additionally D. specifically

Read the following passage and mark the letter A, B, C [or D] on your answer sheet to indicate the correct answer to each of the questions from 1 to 5.

In the future, cities may see flying vehicles, mega bridges, and underground space. Those cities will be controlled by the Internet and the development of technologies. Technology will also be used to create a new quality of life in well-planned developments.

Transportation through tunnels will be more popular. Technology is much faster and cheaper today, so the city of the future will see more solutions, such as an underground network of tunnels that could ship 600 million packages a year. Some cities are developing the above-ground tunnel travel system in which passengers and cargo could be **transported** in shorter time.

The bridge of the future will do more than connect two points. An exciting example is that a skybridge will offer everything from pedestrian and bike **lanes** as well as services for people on it. Future cities will see skybridges as a large area with houses, offices, and restaurants.

The streets of the future city are smart. One good example is streetlights that react to what's going on around them. For example, if a crowd is leaving a stadium at night, the lamps may brighten to light the way or even warn a nearby ambulance.

(Source: <https://blog.tkelevator.com>)

Question 29. Which best serves as the title for the passage?

- A. Lifestyle in cities of the future
B. Traffic in cities of the future

C. Accommodation in cities of the future

D. Education in cities of the future

Question 30. The word **transported** is closest in meaning to_____.

A. travelled

B. produced

C. carried

D. packed

Question 31. Which of the following statements about transportation through tunnels is true?

A. It will not be used in many places.

B. It makes travelling more expensive.

C. It could deliver millions of packages every year.

D. There is only an underground tunnel now.

Question 32. The word **lanes** can be best replaced by_____.

A. systems

B. devices

C. parks

D. paths

Question 33. Which of the following is NOT mentioned as an example of a smart street?

A. The lights in a smart street can help in some situations.

B. The lights in a smart street can brighten to make your skin better.

C. The lamps can brighten when people go past the street at night.

D. The lamps can brighten when a transport passes.

Read the following passage and mark the letter A, B, C, or D to indicate the correct answer to each of the questions from 34 to 40.

ASEAN, one of the most vulnerable regions to climate change, is witnessing the world's biggest **jump** in greenhouse gas emissions. Southeast Asia faces a dual challenge. It not only must adapt to climate change caused largely by greenhouse gas emissions over decades but also the economic development at the same time.

The weather

The region has **shifted** to a new climate pattern when the summer months will be warmer, and the winter will be colder than ever before. The extreme weather has occurred more often. In the Philippines, there are 20 typhoons on annual average, with increasing destruction. Rising sea levels, along with a long period of dry, will hurt agriculture in the fertile Mekong Delta. Cambodia, Laos, and Thailand are also affected by storms as well as by heat extremes that has severe impacts on agriculture and human health.

The economic impact

Average temperatures in Southeast Asia have risen every decade since 1960. Viet Nam, Myanmar, the Philippines, and Thailand are among the countries of the region most affected by climate change. Southeast Asia may suffer bigger economic losses than most regions in the world as climate change has negative effects on key sectors such as agriculture, tourism, and fishing, along with human health and labor productivity. In the absence of technical breakthroughs, rice yields in Indonesia, the Philippines, Thailand, and Viet Nam could drop by as much as 50 percent.

(Source: <https://www.imf.org>)

Question 34: Which of the followings is the best title for the passage?

A. Climate change in ASEAN - Consequences

B. Climate change in ASEAN - Solutions

C. Economic pattern in ASEAN

D. The weather and economies of ASEAN

Question 35: The word **jump** in paragraph 1 can be best replaced by_____.

A. rapid decrease

B. slight increase

C. rapid increase

D. slight decrease

Question 36: According to the paragraph 2, which of the following statements is TRUE?

A. Every year, the Philippines is influenced by fewer serious typhoons.

B. The agriculture in the Mekong Delta leads to rising sea levels.

C. There are no changes in the weather of Southeast Asian nations.

D. The extreme weather in ASEAN can negatively affect people's health.

Question 37: The word **shifted** in paragraph 2 is opposite in meaning to_____.

A. changed **B.** remained **C.** delivered **D.** left

Question 38: Which of the following is NOT true, according to the paragraph 3?

A. Every ten years from 1960, the average temperature of the region have increased.

B. Thailand is most affected by climate change among the countries of the region.

C. The climate change results in the economic loss of the region.

D. Rice production in the region is also decreased by the impacts of climate change.

Question 39: Which of the following is TRUE, according to the passage?

A. The region has to deal with one economic challenge only.

B. The greenhouse gas emission is one reason for the regional climate change.

C. The extreme heat never occurs in the region despite climate change.

D. The labors in the region could reduce up to a third of the total.

Question 40: Which of the following can be inferred from the passage?

A. There would be a decrease in greenhouse gas emission of the region.

B. The summer and winter months would be the same in the region.

C. The technical breakthroughs also affect the productivity in the region.

D. The countries in the region will not focus on the industry anymore.

The End