

TOEFL® iBT Writing
Advanced
ACTIVATOR



Introduction

TOEFL® iBT ACTIVATOR is a four-level test prep series, designed to develop reading, listening, speaking, writing and grammar skills for students who want to improve their score on the TOEFL® iBT. The series offers a wide range of English proficiency skills for beginners to advanced learners.

TOEFL® iBT ACTIVATOR provides essential and accurate strategies for all types of TOEFL questions in the reading, listening, speaking and writing sections. It also offers step-by-step exercises to help test-takers respond easily.

TOEFL® iBT ACTIVATOR uses vocabulary, expressions and sentence structures appropriate for each level. The relative difficulties, passage lengths and contents are subdivided into levels from the beginning to the expert.

TOEFL® iBT ACTIVATOR is an effective language educational resource to prepare for TOEFL® iBT. It provides various exercises, including progress and actual tests, vocabulary check-ups and other important learning tools.



About TOEFL® iBT TEST

The new TOEFL® iBT(Internet-based test) consists of four sections: reading, listening, speaking and writing.

- The new test format includes a speaking section and the writing section has been expanded.
- The test is about four hours long.
- Note-taking is allowed for all sections.
- The score will be reported online.
- Tests will be given in testing centers around the world.

The Format of TOEFL® iBT

Section Point	Reading	Listening	Speaking	Writing
Questions (Numbers)	3~5 passages • 12~14 questions • 700 words (per passage)	4~6 lectures • 6 questions • 500~800 words (4~6 min.) 2~3 conversations • 5 questions • 400~500 words (2~3 min. per passage)	2 independent questions 4 integrated questions (read/listen/speak listen/speak)	1 independent question (read/listen/write) 1 integrated question
Times (Minutes)	60~100	60~90	20	50
Score (Points)	0~30	0~30	0~30	0~30
Tips	• allows note-taking • provides pictures in some passages • passages (academic topics)	• allows note-taking • pronunciation (Multi-English) • lectures (academic topics) conversations (campus life topics)	• allows note-taking • speak into a micro- phone connected to a headset • preference / choice (general topics) passages / lectures / conversations (academic topics campus life topics)	• allows note-taking • only typing is allowed • passages / lectures (academic topics) preference agree / disagree detail assumption (general topics)

* Break Time: 10-minute break after listening section

Tips for TOEFL® iBT Writing Section

Question Types

There are two tasks in the Writing section. (50min.)

1 Integrated Task (read, listen & write)

Summarize the points made in the lecture you just heard, explaining how they cast doubt on the points made in the reading.

2 Independent Task

Some people prefer to live in places that have one season all year long. Others like to live in areas with four seasons a year. Which do you prefer? Give specific reasons and details for your answer.

Tips

- Increase your knowledge of vocabulary and basic sentence structures as much as possible.
- Use signal words along with transitional words properly.
- Learn the conventional usage of spelling, punctuation and layout.
- Develop other skills such as reading and listening as well for the newly expanded writing section.
- Practice note-taking. You can start from writing simple memos or daily schedules.
- Practice typing in English to feel comfortable when you actually type your responses on the computer.

Tips for Integrated Writing Task

- 1 Make the best use of any reading and listening material such as English newspapers, magazines, TV dramas or movies.
- 2 Practice paraphrasing frequently. This is essential to convey the same ideas in your own words.
- 3 Improve your logical thinking skill because the integrated task requires to synthesize different information from more than one source.

Tips for Independent Writing Task

- 1 Practice writing on familiar and simple topics first.
- 2 Do not skip brainstorming and outlining before you write on a topic.
- 3 Make sure that your essay has a logical flow with a topic, supporting ideas and details.

Test Organization and Time Schedule

Task(Question)	Task Description	Timing	Materials
Integrated Task (read/listen/write)	Summarize the major points from a lecture related to the reading passage	Read a passage for 3 min. Listen to a lecture for 2 min. Plan and write for 20 min.	Reading passage (about 230~300 words) Lecture (about 250~300 words)
Independent Task	Write an essay to present an opinion based on personal knowledge and experience	Plan and write for 30 min.	A question presented on the monitor

Sample Writing Test

TOEFL Writing

REPLAY TALK

VOLUME 95

HELP ?

NEXT

Question 1 of 2

HIDE TIME 00:19:56

Directions: You have 20 minutes to plan and write your response. Your response will be judged on the basis of the quality of your writing and on how well your response presents the points in the lecture and their relationship to the reading passage.

Question: Summarize the points made in the lecture you just heard, explaining how they cast doubt on the points made in the reading.

Cyber encyclopedias are valuable research tools because they conveniently provide us with up-to-date, balanced information. Any information we need is just a mouse click away.

Cyber encyclopedia articles always contain dependable new information because contributors can update them instantly. Unlike paper encyclopedia articles, they never become outdated. This is especially beneficial for research into fast-changing fields such as technology.

In addition, cyber encyclopedias offer fair and balanced articles. Because the contributors come from all age and social groups, there is less chance for social or cultural bias to appear. This contributor diversity also means that a larger variety of topics are covered.

Finally, cyber encyclopedias are convenient to use. The articles are detailed but generally not difficult to read, and they also include links to related articles. This allows us to do deeper research with the click of a mouse and thus eliminates long searches through shelves of library books.

Special Features & Organization of the Book

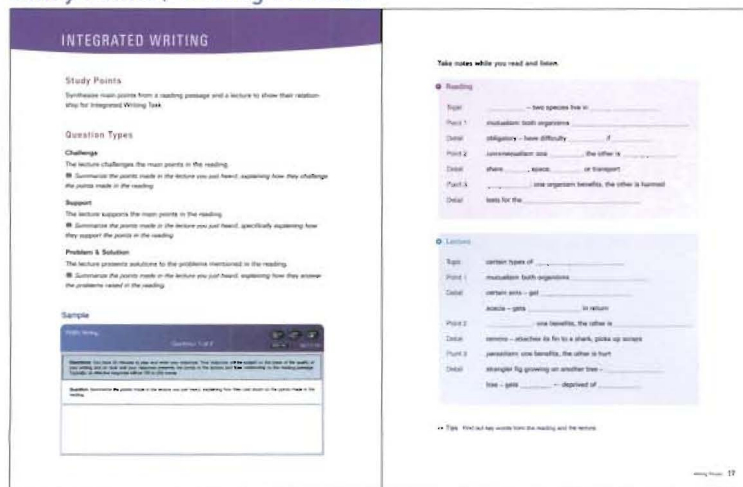
TOEFL® iBT ACTIVATOR Writing Advanced provides:

- Strategies to help students write logical essays
- Essential vocabulary and grammar structures
- Writing models and practical exercises
- Step-by-step exercises which familiarize students with the TOEFL® iBT test format

PART I & II

Part I helps students write a coherent summary that accurately presents the relationship between the reading and the lecture. **Part II** enables students to write a flowing essay on general topics by offering tactics and know-how that are crucial for TOEFL® iBT. The students can familiarize themselves with Integrated and Independent Tasks while following detailed steps with various activities for the two parts.

Study Points / Writing Process



INTEGRATED WRITING

Study Points
Synthesize main points from a reading passage and a lecture to show their relationship for Integrated Writing Task.

Question Types

Challenge
The lecture challenges the main points in the reading.
⑧ Summarize the points made in the lecture you just heard, explaining how they challenge the points made in the reading.

Support
The lecture supports the main points in the reading.
⑧ Summarize the points made in the lecture you just heard, specifically explaining how they support the points in the reading.

Problem & Solution
The lecture presents solutions to the problems mentioned in the reading.
⑧ Summarize the points made in the lecture you just heard, explaining how they answer the problems raised in the reading.

Sample

Take notes while you read and listen

Reading

Topic: _____ two species live in: _____
Point 1: mutation both organisms _____
Detail: obligation - have difficulty _____ if _____
Point 2: communication one _____ the other is _____
Detail: where _____, when _____ or transport _____
Point 3: _____ one organism benefits, the other is harmed
Detail: tests for the: _____

Listening

Topic: written types of _____
Point 1: mutation both organisms _____
Detail: certain sets - get _____
Point 2: Article - gets _____ in return _____
Detail: one benefits, the other is _____
Point 3: remove - attaches its fin to a shark, picks up scraps _____
Detail: parasites one benefits, the other is hurt _____
Point 4: stronger fig growing on another tree - _____
Detail: one - gets _____ deprived of _____

Tip: Write key words from the reading and the lecture.

- **Overview** pages explain what skills students will develop throughout the chapters. They also present a step-by-step **Writing Process** which enables students to become familiar with each primary task that they have to deal with.

Useful Expressions

Useful Expressions

challenge
The lecture **challenges** the reading's claim that herbs are beneficial as we can dispense them as provided by them.

refute
The lecture **refutes** the negative sides of growing and harvesting, **refuting** the reading's general claim that heritables provide great learning opportunities.

cast doubt on
The professor **casts** my times can be increasing in public places. It **casts** doubt on the claim presented in the reading that my times are fun and entertaining.

question
The professor **questions** that sunlight does us more good than harm, **questioning** the harmful effects of sunlight mentioned in the reading.

caution
The lecture **cautions** that parents should be careful about their children's early exposure to technology. This **cautions** the reading's claim that the earlier children start learning a foreign language, the better.

caution
The professor **cautions** that only a couple of clinical cases have been reported on the light therapy. This **cautions** the reading's idea that light therapy is the best treatment for depression.

1 Choose an expression above and combine the two notes.

1 **Reading** Herbs – capable of curing diseases. **Lecture** arguments against medical use of herbs.
→ The lecture gives some arguments against medical use of herbs.

2 **Reading** Herbs – good – members help each other. **Lecture** Herbs – good – but – members get too competitive.
→ The professor says herbs are good as the members can get too competitive.

3 **Reading** Herbs – capable of curing diseases. **Lecture** arguments against medical use of herbs.
→ The lecture gives some arguments against medical use of herbs.

4 **Reading** Herbs – good – members help each other. **Lecture** Herbs – good – but – members get too competitive.
→ The professor says herbs are good as the members can get too competitive.

- Useful Expressions teach the key expressions used in each part. They also come with questions to ensure students' comprehension.

Warm Up / Build Up / Finish Up

Warm Up

Note-taking


Read and listen.

Most children might hear their parents telling them to drink at least a glass of milk per day. Why is that? What benefits does milk intake provide for us?

First of all, milk is one of the best sources for calcium. Calcium intake is crucial during early childhood as it contributes to formation of strong bones. Additionally, the vitamin D found in milk facilitates calcium absorption through the digestive tract as well.

Milk also has abundant protein, which is an essential nutrient for growth and repair. Taking enough protein is especially important for children as it is vital to brain development and body tissue growth.

Furthermore, regular intake of milk can lower people's risk of obesity. Some studies found that dairy products might help us lose weight as certain nutrients in milk affect the way our body stores energy in its fat cells.



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Build Up

Note-taking


Read and listen.

Thanks to a recent invention called "sound beam technology", waves can be directed like laser beams now. What, then, are the scientific facts behind this amazing technology?

Sound beam technology started with an accidental discovery by an American inventor, Edward Berners. In 1956, he was experimenting with ultrasonic waves, which are far above the range of human hearing, he noticed that two slightly different ultrasonic waves create another ultrasonic wave, which in turn produces an audible sound.

After doing further experiments, Berners then discovered that the ultrasonic waves can be transmitted in the form of a laser-like sound beam. However, this unique transmission ability does not exist with low pitched audible sound waves, which spread out like a fan across a room.

Because the laser-like beams do not spread out, only people in a small target area can hear the sound. Museum visitors, for example, could hear exhibit explanations only as they step into the sound cone near the display.



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Finish Up


Read and listen.

Attention Deficit Hyperactivity Disorder (ADHD) is a common childhood behavior disorder characterized by poor concentration, impulsive behavior and impulsive actions. Many experts now believe that low levels of dopamine, a brain chemical associated with self-control, may cause the following symptoms.

One symptom of ADHD is impulsive behavior. Schoolchildren with ADHD may appear to be bored or daydreaming in class, and they often struggle to follow teachers' instructions. They may also lose or forget important items such as book bags.

Another sign of ADHD is hyperactive behavior, where children may seem "on edge" or "on the go", and act "as if driven by a motor". Children with ADHD may find it hard to sit still in class. These restless children may get up at inappropriate times or interrupt their teachers.

Children with ADHD also exhibit impulsive behavior, in which they seem "out of control". This behavior can include reckless actions such as climbing on the roof or setting fires. Because of these symptoms, children with ADHD often have academic or disciplinary problems in school.



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- Warm Ups offer basic and must-know skills and information.
- Build Ups enable students to clearly understand TOEFL® iBT writing tasks and apply what they know to each task.
- Finish Ups get students to expand on what they have learned by asking them to write summaries or essays on their own.

Word Round-up / Frequent Mistakes

Word Round-up

Write the meaning of each word in French.

obligatory
adjective
us. required by a rule or convention
French insurance is *obligatory* for all employees as it is *obligatory*.

muscular
adjective
us. of a shared manner
The two people made a *muscular* because it is *muscular* (muscular).

despite
adjective
us. in spite of something, especially something necessary or pleasant, away from someone
The man *despite* of being due to his contract with the state.

crucial
adjective
us. extremely important or necessary
The crisis was *crucial* to the success of the play.

facilitate
verb
us. to make something easier or possible
His career *facilitate* effective learning with the current curriculum.

receptive
adjective
us. to stop something from having an effect
Although he was *receptive* to the pressure of his colleagues.

issue
noun
us. an order, personal opinion, that influences one's judgment
The manager *issue* an *issue* to his staff in the workplace.

elaborate
verb
us. to make or take away something
He *elaborate* all the spelling mistakes from his essay.

embryo
noun
us. an unborn animal or human being in the very early stage of development
Spending time with him *embryo* in a commercial case.

ethical
adjective
us. consistent with agreed principles of correct moral conduct
Using animals in experiments raised *ethical* concerns.

Fill in each blank with an appropriate word from the box.

- The farmers used time to _____ the acidity of the soil.
- Instant messages _____ the communication among different people.
- The villagers were _____ of a means to cross the river after the bridge collapsed.
- A balanced diet and regular exercise could _____ the danger of heart disease.
- Wellfare and economic growth of a nation are _____ inseparable.
- Some people strongly objected to cloning human _____ for medical purposes.

despite	muscular	embryo
crucial	receptive	facilitated

Choose the correct word that has the same meaning as the underlined part.

- A good relationship with parents is essential for children's development.
a. crucial b. potential c. ambitious d. life
- Doctors must adhere to moral standards when they treat their patients.
a. natural b. necessary c. accurate d. ethical
- Although it is recommended though it is not mandatory.
a. conventional b. obligatory c. produce d. lacking
- It was really hard for him to be free from any propensity towards his co-workers.
a. justice b. sense c. free d. remove

FREQUENT MISTAKES

Fragment 1

Fragment 1: Fragments are incomplete sentences with at least one missing element such as a subject, a verb, an object and a complement.

Fragment 1 **Fragment 2**

Way writing to ride a bike along the beach. It was exciting to ride a bike along the beach.

The girl in the garden in my little sister. The girl in the garden in my little sister.

I was surprised of great moments of my life. I was surprised of great moments of my life.

It is certain that regular exercise makes us healthy. It is certain that regular exercise makes us healthy.

Correct sentence fragments below by adding the missing elements. Use correct capitalization and end punctuation in your new sentences.

- The new chairs in the classroom comfortable enough to sit on for hours.
- Went to travel around the world if I have enough time and money.
- Maria and Sue were frightened when they heard in the middle of the night.
- Robert was when his friends threw him a surprise birthday party.
- Some people believe that taking the subway is safer.

- Word Round-ups present key vocabulary with useful questions for students to review the words that have already been presented on previous pages.
- Frequent Mistakes pages provide critical tips regarding writing conventions and essential grammar for students to avoid common errors. Practical activities are also offered to enhance students' comprehension of what they have learned.

PROGRESS TEST

Progress Tests are provided after each part. They follow a similar format as TOEFL® iBT.

Progress Test


Read the following passage and take notes while you read.

Genetic Modification (GM) technology holds great promise in meeting our world's various needs. Genetic modification, in which genes are inserted into or removed from food-producing plants, enables us to better what we eat. GM technology is a boon for our health, as scientists can remove the genes that cause human food allergies. Hence, millions of people who were previously allergic to wheat, corn's milk and eggs would become able to enjoy these healthy products safely.

GM technology also helps the environment, as it reduces the use of damaging chemicals in agriculture. In the United States, many corn crops have been modified with the *Bt* gene, which is poisonous to harmful insects. Accordingly, these *Bt* crops require less spraying with chemical poisons.

Most importantly, GM technology may help us meet the food needs of our rising global population. Genetic modification, which in the future could also include fruits and grains specially engineered to bloom earlier, will increase agricultural efficiency and output. This will be greatly needed to feed a global population projected to grow to over 9 billion people by 2100.

Now listen to a lecture on the topic you just read about and take notes.



Complete the outline.

Topic: _____

Point 1: _____

Challenge: _____

Point 2: _____

Challenge: _____

Point 3: _____

Challenge: _____

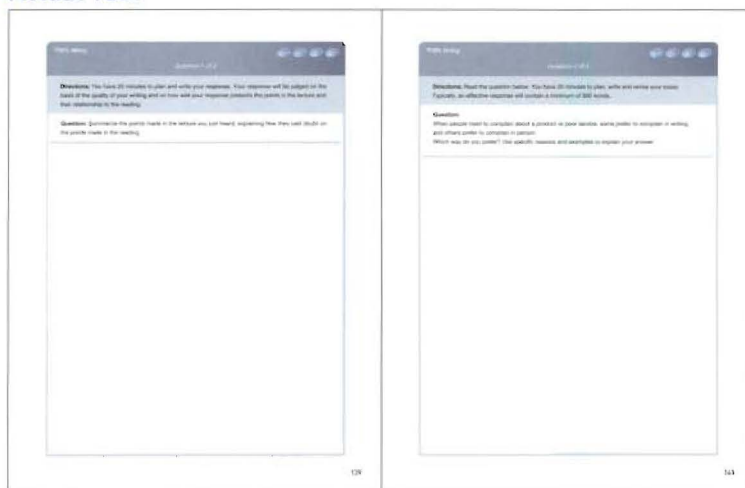
Summarize the points made in the lecture you just heard, explaining how they challenge the points in the reading.

- Progress Tests are recommended to be done by students on their own. The tests allow students to check how well they understand each part.

● ACTUAL TEST

Actual Test is given at the end of the book. It gives students ample chances to consolidate what they have learned and write according to the format of TOEFL® iBT.

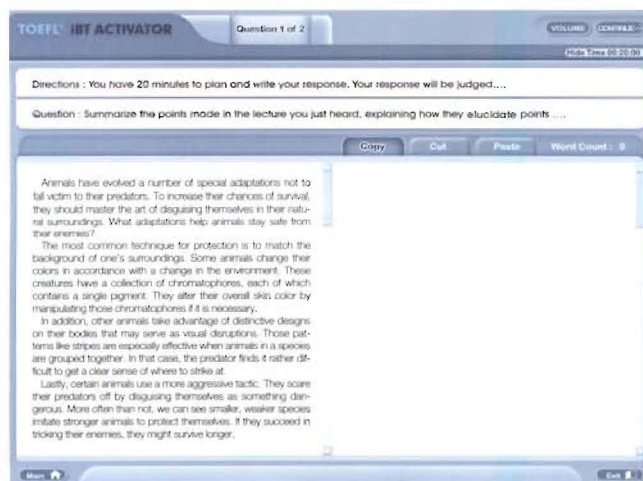
Actual Test



- An **Actual Test** is recommended to be done by students on their own, making the best use of the strategies and information provided throughout the book.

● CD-ROM

A **CD-ROM** is offered so that students can actually take simulated TOEFL® iBT test.



- **Sample Answers and Reviews** for test items allow students to recognize their mistakes and learn from them to get ready for the TOEFL® iBT test. The CD-ROM can be used on both computers and audio players.

TOEFL® iBT
ACTIVATOR
WRITING

Advanced

C O N T E N T S

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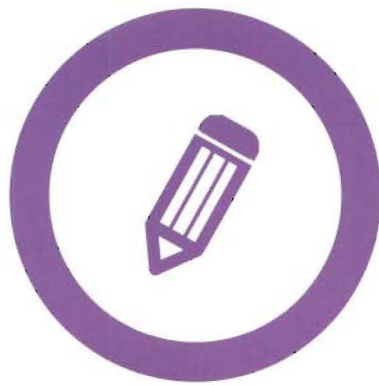
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PART I

Integrated Writing

Identify core information from the two sources so that you can write a coherent summary to accurately present the relationship between the reading and the lecture.

INTEGRATED WRITING
Overview & Writing Process

CHAPTER 01
Challenge

CHAPTER 02
Support

CHAPTER 03
Problem & Solution

Study Points

Question Types

Challenge

ex Summarize the points made in the lecture you just heard, explaining how they challenge the points made in the reading.

Support

ex Summarize the points made in the lecture you just heard, specifically explaining how they support the points in the reading.

Problem & Solution

ex Summarize the points made in the lecture you just heard, explaining how they answer the problems raised in the reading.

Sample

TOEFL Writing

Question 1 of 2

VOLUME

HELP

NEXT

HIDE TIME

00:19:56

Directions:

You have 20 minutes to plan and write your response. Your response will be judged on the basis of the quality of your writing and on how well your response presents the points in the lecture and their relationship to the reading passage. Typically, an effective response will be 150 to 255 words.

Question:

Summarize the points made in the lecture you just heard, explaining how they cast doubt on the points made in the reading.

Strategies

Take notes while reading and listening.

Understand the relationship between the reading and the lecture.

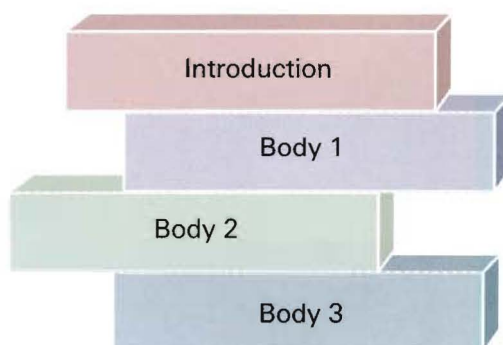
Synthesize main points from the reading and the lecture.

- Challenge: Present how the lecture challenges the ideas presented in the reading.
- Support: Show how the lecture supports the claims in the reading.
- Problem & Solution: Explain how the lecture solves the problems in the reading.

Compose a summary, which consists of 150~225 words, covering all the relevant points.

Summary Structure

Introduction General Statement	Topics of the lecture and the reading Connection of them
Body 1 Point 1 & Details	First key point from the lecture Examples from the lecture Explanation or connection to the reading
Body 2 Point 2 & Details	Second key point from the lecture Examples from the lecture Explanation or connection to the reading
Body 3 Point 3 & Details	Third key point from the lecture Examples from the lecture Explanation or connection to the reading



WRITING PROCESS

Note-taking

We can see numerous cases in which two species live in close association for an extended time in nature. This partnership, which is called *symbiosis*, is often categorized into three types.

The first type is *mutualism*, in which both organisms benefit from the relationship. More often than not, this kind of association is rather obligatory. In other words, both species will have difficulty surviving if they are separated.

In the second type *commensalism*, one member benefits whereas the other is not affected by the association. They may share food, space, shelter or transport, but one member will not die even if it gets out of the association.

The last type, *parasitism* is the relationship in which one organism benefits and the other is harmed. In most cases, this kind of co-existence lasts for the lifetime of one party.



 T02

Take notes while you read and listen.

• Reading

Topic _____ – two species live in _____

Point 1 *mutualism*: both organisms _____

Detail obligatory – have difficulty _____ if _____

Point 2 *commensalism*: one _____, the other is _____

Detail share _____, space, _____ or transport

Point 3 _____: one organism benefits, the other is harmed

Detail lasts for the _____

• Lecture

Topic certain types of _____

Point 1 *mutualism*: both organisms _____

Detail certain ants – get _____
acacia – gets _____ in return

Point 2 _____: one benefits, the other is _____

Detail remora – attaches its fin to a shark, picks up scraps

Point 3 *parasitism*: one benefits, the other is hurt

Detail strangler fig growing on another tree – _____
tree – gets _____ ← deprived of _____

►► **Tips** Find out key words from the reading and the lecture.

Outlining

Complete the outline combining the notes from the previous page.

Topic R *symbiosis* – two _____

L _____

Point 1 *mutualism*: _____

Support **L** ex. certain ants – _____

acacia – _____ in return

Point 2 **R** *commensalism*: one _____, the other is _____

Support **L** ex. remora – _____ to a shark, _____

Point 3 **R** _____: one benefits, _____

Support **L** ex. _____ growing on another tree – grow quickly

tree – gets _____ ← _____

► **Tips** Consider how to design the basic structure of a summary. Logically organize the topics and points from the notes.

Summarizing

Write the summary using the outline from the previous page.

Introduction Both the reading and the lecture talk about some _____
in which _____.

Body 1 Above all, the professor explains _____, taking certain ants
for an example. The ants _____, which
_____ from the ants in return. This backs up the read-
ing's claim that in *mutualism* _____
_____.

Body 2 Furthermore, the professor describes *commensalism* with an example
of _____ which _____
_____ while the shark is feeding. This gives support to the reading's
claim that _____
in *commensalism*.

Body 3 Lastly, the professor talks about _____ to illustrate
what _____ is. She says it _____ thanks to the supporting
tree whereas the tree itself _____ as it is _____
_____. This lends some detailed support to the reading's claim about
_____ in which _____.

- **Tips** Refer to the synthesized outline of the reading and the lecture.
Paraphrase original texts in your own words.
Complete sentences and capitalize the first words of them.
Indent all the paragraphs.





CHAPTER | 01

Challenge

Make a logical summary based on the points in the lecture to show how they challenge certain claims or ideas presented in the reading.

Useful Expressions

challenge

The lecture **challenges** the reading's claim that winds are beneficial as we can breathe fresh air provided by them.

refute

The lecture presents the negative sides of growing pet tarantulas, **refuting** the reading's general claim that tarantulas provide great learning opportunities.

cast doubt on

The professor says ring tones can be annoying in public places. It **casts doubt on** the claim presented in the reading that ring tones are fun and entertaining.

Choose an expression above and combine the two notes.

1

Reading

herbs – capable of curing disease

Lecture

arguments against medical uses of herbs

⇒ The lecture gives some arguments against medical uses of herbs, _____
_____.

2

Reading

team sports – good ← members help each other

Lecture

team sports – bad ← members get too competitive

⇒ The professor says team sports are bad as the members can get too competitive. It

_____.

question

The professor asserts that sunlight does us more good than harm, which **questions** the harmful effects of sunlight mentioned in the reading.

confront

The lecture says parents should be careful about their children's early language education. This **confronts** the reading's claim that the earlier children start learning a foreign language, the better.

run against

The professor mentions that only a couple of clinical cases have been reported on the light therapy. This **runs against** the reading's idea that light therapy is the best treatment for depression.

3

Reading
the negative effects of space exploration

Lecture
space exploration – contributes to the development of technology

⇒ The professor asserts that space exploration contributes to the development of technology, which _____.

4

Reading
an only child – strong self-confidence due to lots of support from parents

Lecture
an only child – tends to be selfish due to too much attention from parents

⇒ The lecture says an only child tends to be selfish due to too much attention from his or her parents. This _____.

Warm Up

Note-taking

Read and listen.

Most children might hear their parents telling them to drink at least a glass of milk per day. Why is that? What benefits does milk intake provide for us?

First of all, milk is one of the best sources for calcium. Calcium intake is crucial during early childhood as it contributes to formation of strong bones. Additionally, the vitamin D found in milk facilitates calcium absorption through the digestive tract as well.

Milk also has abundant protein, which is an essential nutrient for growth and repair. Taking enough protein is especially important for children as it is vital to brain development and body tissue growth.

Furthermore, regular intake of milk can lower people's risk of obesity. Some studies found that dairy products might help us lose weight as certain nutrients in milk affect the way our body stores energy in its fat cells.



 T03

Fill in the blanks while you read and listen.

• Reading

- Topic _____ of milk intake
- Point 1 one of the best _____
- Detail contributes to formation of _____
- Point 2 has abundant _____ – an essential nutrient for _____, repair
- Detail vital to _____ development, _____ growth
- Point 3 can _____ people's risk of _____
- Detail affect the way our body _____ in its _____

• Lecture

- Topic _____ of milk intake
- Point 1 cause _____
- Detail difficulty _____ milk → draws calcium _____
- Point 2 milk protein – a _____
- Detail milk allergy ← _____ reacts against the _____ in milk
- Point 3 fattening
- Detail more than 3 _____ of milk/day → gained _____

Answer the questions based on the notes from the previous page.

1 What are the main ideas of the reading and the lecture?

The reading talks about _____.

The lecture points out some _____.

2 What kind of stance does the lecture take on the main idea of the reading?

The lecture _____ claimed in the reading.

Outlining

Complete the outline combining the two notes from the previous page.

Topic **R** benefits of milk intake

L _____

Point 1 **R** one of the _____

Challenge **L** _____ ← draws calcium out of _____
if we have _____ digesting milk

Point 2 **R** has _____ – an essential _____, repair

Challenge **L** a common cause of _____ ← immune system reacts
_____ in milk

Point 3 **R** can lower people's risk of _____ ← affect the way our body

Challenge **L** fattening – more than _____ of milk/day → _____

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction The lecture points out _____,
which questions _____.

Body 1 Above all, the professor says milk consumption may result in calcium loss as it _____ if we have _____. It confronts the reading's claim that milk is an excellent _____ that contributes to formation of strong bones.

Body 2 Next, the professor points out that milk protein commonly triggers food allergies when our _____. It refutes the reading's idea that milk intake is beneficial because _____.

Body 3 Finally, the professor claims _____ based on recent studies where _____ led to weight gain for children. It runs against the reading's claim that milk intake can _____ by affecting _____.

Structure Modifying

one's "noun" of + "noun" → one's "noun" of + "gerund" + "adjective"

Regular intake of milk can lower people's risk of obesity.

→ *Regular intake of milk can lower people's risk of becoming obese.*

Bill's meticulous nature would amplify his chance of success in the field.

→ _____

Build Up

Note-taking

Read and listen.

Cyber encyclopedias are valuable research tools because they conveniently provide us with up-to-date, balanced information. Any information we need is just a mouse click away.

Cyber encyclopedia articles always contain dependable new information because contributors can update them instantly. Unlike paper encyclopedia articles, they never become outdated. This is especially beneficial for research into fast-changing fields such as technology.

In addition, cyber encyclopedias offer fair and balanced articles. Because the contributors come from all age and social groups, there is less chance for social or cultural bias to appear. This contributor diversity also means that a larger variety of topics are covered.

Finally, cyber encyclopedias are convenient to use. The articles are detailed but generally not difficult to read, and they also include links to related articles. This allows us to do deeper research with the click of a mouse and thus eliminates long searches through shelves of library books.



T04

Fill in the blanks while you read and listen.

• Reading

Topic	cyber encyclopedias – _____
Point 1	contain _____ ← contributors – _____
Detail	never _____ → beneficial for _____
Point 2	offer fair, _____
Detail	_____ from all age, social groups → less _____, larger variety of topics
Point 3	_____ to use
Detail	not difficult to read, _____ to related articles → eliminates long _____ through library books

• Lecture

Topic	negative points of _____
Point 1	not _____ ← anyone can update
Detail	new information – contain _____ articles on _____ topics – not totally _____
Point 2	articles – _____
Detail	contributors from _____ – prefer _____
Point 3	_____
Detail	web links – lack _____ → no _____ for library research

Outlining

Complete the outline combining the two notes from the previous page.

Topic **R** cyber encyclopedias – _____

L _____

Point 1 **R** contain _____

 ← contributors – _____

Challenge **L** not _____ – _____

Point 2 **R** offer _____ ← contributors _____

Challenge **L** articles can _____ ← contributors from younger generation

Point 3 **R** convenient to use – _____ through library books

Challenge **L** too basic for _____ – lack depth, detail

→ _____

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The lecture presents _____, refuting the reading's general claim that _____.

First, the professor talks about _____. This confronts the reading's claim that _____.

Besides that, the professor challenges the reading's claim that _____.

She asserts that _____.

Finally, the professor says cyber encyclopedias _____. It is _____ due to _____. This casts doubt on the reading, which says that _____.

►► Paraphrasing Tips

cyber encyclopedias → these online resources

...not reliable, as anyone can... → the unreliability of..., saying that anyone can...

contain dependable new information because contributors can update them instantly

→ offer dependable new information, which can be updated instantly

offer fair and balanced articles → provide unbiased articles

because the contributors come from all age and social groups → from a diverse contributor network

because the contributors come from the younger generations who usually prefer...

→ since the younger generation contributors usually favor...

lack depth and detail → insufficient depth and detail

Cyber encyclopedias are convenient to use. → the cyber encyclopedias' ease of use

eliminates long searches through library books → takes away the need to search through a library

Finish Up

Read and listen.

Stem cells have been the center of extensive research due to their certain ability to assist in curing disease.

The most important property of stem cells is that they can grow into nearly any cell type and thus may replace cells lost to disease or injury. According to scientists, stem cells could become a revolutionary treatment for cancer, diabetes, Parkinson's and hundreds of other illnesses.

Next, stem cells have the advantage of being easy to obtain for medical purposes. They can be extracted from embryos before the embryo's cells come to have specialized functions. Each embryo has nearly 100 stem cells, a number which doubles every 2 to 3 days. The cells can then be kept alive forever in stem cell banks.

Finally, using stem cells in clinics could someday save billions of dollars in drug costs. Treatment of disease would be less dependent on the pharmaceutical industry and would be controlled more by the doctors themselves.



 T05

Complete the outline.

Topic	R	stem cells – ability	_____
	L		_____
Point 1	R		_____
Challenge	L		_____
Point 2	R		_____
Challenge	L		_____
Point 3	R		_____
Challenge	L		_____

Summarize the points made in the lecture you just heard, explaining how they challenge the points made in the reading.

Word Round-up

Write the meaning of each word in Korean.

obligatory syn. mandatory	adj. required by a rule or convention <i>Health insurance is offered to the employees as it is obligatory</i>	_____
mutually	adv. in a shared manner <i>The two parties made a contract because it is mutually beneficial.</i>	_____
deprive	v. to take something, especially something necessary or pleasant, away from someone <i>Tim was deprived of sleep due to his concern over the test.</i>	_____
crucial syn. essential	adj. extremely important or necessary <i>The critic's review was crucial to the success of the play.</i>	_____
facilitate	v. to make something easier or possible <i>We cannot facilitate effective learning with the current curriculum.</i>	_____
neutralize	v. to stop something from having an effect <i>Nobody knows how to neutralize the poison of rattlesnakes.</i>	_____
bias syn. prejudice	n. an unfair personal opinion that influences one's judgment <i>The manager tried to fight racial bias in the workplace.</i>	_____
eliminate	v. to remove or take away something <i>Beth eliminated all the spelling mistakes from her essay.</i>	_____
embryo	n. an unborn animal or human being in the very early stage of development <i>Getting stem cells from human embryos is a controversial issue.</i>	_____
ethical syn. moral	adj. consistent with agreed principles of correct moral conduct <i>Using animals in experiments raised certain ethical issues.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 The farmers used lime to _____ the acidity of the soil.
- 2 Instant messengers _____ the communication among different people.
- 3 The villagers were _____ of a means to cross the river after the bridge collapsed.
- 4 A balanced diet and regular exercise could _____ the danger of heart disease.
- 5 Welfare and economic growth of a nation are _____ dependent.
- 6 Some people strongly objected to cloning human _____ for medical purposes.

deprived
embryos

mutually
neutralize

eliminate
facilitated

Choose the correct word that has the same meaning as the underlined part.

- 1 A good relationship with parents is essential for children's development.
a. crucial b. potential c. ambitious d. tidy
- 2 Doctors must adhere to moral standards when they treat their patients.
a. cultural b. monetary c. ancient d. ethical
- 3 Ultrasonic scan is recommended though it is not mandatory.
a. conventional b. obligatory c. prudent d. lacking
- 4 It was really hard for Joe to be free from any prejudice towards his co-workers.
a. justice b. term c. bias d. promise

FREQUENT MISTAKES _ Fragments I

Fragments are incomplete sentences with at least one missing element such as a subject, a verb, an object and a complement.

Fragments	Possible Revision
Was exciting to ride a bike along the beach.	It was exciting to ride a bike along the beach.
The girl in the garden my little sister.	The girl in the garden is my little sister.
I was reminded of great moments of my life while I looked through.	I was reminded of great moments of my life while I looked through the old album.
It is certain that regular exercise makes us.	It is certain that regular exercise makes us healthy.

Correct sentence fragments below by adding the missing elements. Use correct capitalization and end punctuation in your new sentences.

- 1 The new chairs in the classroom comfortable enough to sit on for hours.

→ _____

- 2 Want to travel around the world if I have enough time and money.

→ _____

- 3 Martha and Sue were frightened when they heard in the middle of the night.

→ _____

- 4 Robert was when his friends threw him a surprise birthday party.

→ _____

- 5 Some people believe that taking the subway is rather.

→ _____



CHAPTER | 02

Support

Make a coherent summary based on the points in the lecture to show how they support or elucidate certain claims or ideas presented in the reading.

Useful Expressions

back up

The professor says the Impressionists preferred to paint real people and scenery. This **backs up** the reading's claim that they chose everyday scenes as their subject matter.

support

The lecture talks about how the ability to glow helps some creatures such as anglerfish and toadstools to **support** the reasons given in the reading for why certain creatures produce light.

bolster

The professor explains that English words have been expanded over time. This **bolsters** the reading's claim that English words have increased due to borrowed words from other languages such as French and German.

Choose an expression above and combine the two notes.

1

Reading

online shopping – is so popular

Lecture

online shopping – has useful functions

⇒ The lecture talks about some useful functions of online shopping to _____.

2

Reading

fast food – can severely damage our health

Lecture

fast food – can cause heart disease
ex. the documentary film "Super Size Me"

⇒ The professor mentions that fast food can cause heart disease, referring to the documentary film "Super Size Me". This _____.

give credence to

The lecture **gives credence to** the reading's idea that studying English regularly is essential, as it mentions that participating in a study group is a great way to improve our English.

give support to

The professor talks about healing capacity of sunlight to **give support to** the reading's claim that people should get sufficient sunlight to stay healthy.

lend some detailed support to

The professor **lends some detailed support to** the reading's claim that habitat protection is crucial for endangered animals, mentioning the increased number of bald eagles in an animal preserve.

3

Reading

whales – communicate through songs

Lecture

each group of whales – unique songs to warn others of danger

⇒ The lecture _____
_____, as it mentions that each group of whales has unique songs to warn others of danger.

4

Reading

colors – may influence how people feel by sending special waves

Lecture

a case study: orange – cheerful, green – relaxed

⇒ The professor _____
_____, mentioning a case study that shows orange makes us cheerful and green makes us relaxed.

Warm Up

Note-taking

Read and listen.

As mobile phones and game consoles are embedded into our lives and culture, young people are heavily dependent on their thumbs. In other words, technology has created the “thumb generation.” Then, what is the “thumb generation”?

Not surprisingly, “thumb generation” members’ thumbs are stronger and more dexterous than their fingers. This is because they use their thumbs instead of their fingers to operate tiny cellphone or computer game key-pads.

Furthermore, these technology users, who are often in their teens, have made mobile game technology a central part of their daily lives. “Thumb generation” users pound away at the devices all day long using their thumbs.

This young group is most visible in Japan, where members call themselves “oya yubi sedai”, or the “thumb tribe”. Here, many youngsters even point to things with their thumbs rather than their index finger.



 T06

Fill in the blanks while you read and listen.

● Reading

Topic	what the _____ is
Point 1	members' thumbs – _____, more dexterous than their _____
Detail	use _____ to operate _____
Point 2	mobile _____ – a central part of their _____
Detail	pound away at the _____ using their thumbs
Point 3	most visible in _____
Detail	many _____ – point to things _____

● Lecture

Topic	distinctive _____ of the “thumb generation”
Point 1	developed _____ from playing computer games, using cellphone keypads
Detail	can do everything on _____ – send _____, take photos, watch _____
Point 2	activities involving _____ – a key to “thumb generation” members' everyday _____
Detail	spend hours playing _____ → a _____ event
Point 3	“thumb generation” culture – especially strong in _____
Detail	TV stations – have hosted thumb speed contests

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction Both the reading and the lecture talk about some aspects of the _____
_____, a new generation of people famous for _____
_____ to operate mobile technology.

Body 1 First, the professor says “thumb generation” members developed _____
_____. This gives support to the reading’s claim that _____
_____.

Body 2 In addition, the professor states that activities involving game devices are _____
_____. This backs up the reading’s claim that _____
_____.

Body 3 Lastly, the professor points out that “thumb generation” culture _____
_____, where _____. This lends some detailed support to the reading’s
claim that this young group is _____.

Structure Modifying

A + have / has + p.p. + B → B have / has + been + p.p. + by + A

Some TV stations have hosted thumb speed contests.

→ *Thumb speed contests have been hosted by some TV stations.*

Queen Elizabeth has visited more than 120 countries, where people have warmly welcomed her.

→ _____

Build Up

Note-taking

Read and listen.

Thanks to a recent invention called “sound beam technology”, waves can be directed like laser beams now. What, then, are the scientific facts behind this amazing technology?

Sound beam technology started with an accidental discovery by an American inventor, Elwood Norris. In 1996, he was experimenting with ultrasonic waves, which are far above the range of human hearing. He noticed that two slightly different ultrasonic waves create another ultrasonic wave, which in turn produces an audible sound.

After doing further experiments, Norris then discovered that the ultrasonic waves can be transmitted in the form of a laser-like sound beam. However, this unique transmission ability does not exist with low-pitched audible sound waves, which spread out like a fan across a room.

Because the laser-like beams do not spread out, only people in a small target area can hear the sound. Museum visitors, for example, would hear exhibit explanations only as they step into the sound zone near the display.



 T07

Fill in the blanks while you read and listen.

• Reading

- Topic scientific facts behind _____
- Point 1 an _____ by Elwood Norris
– experimenting with _____
- Detail two slightly different ultrasonic waves – produces an _____
- Point 2 ultrasonic waves
– can be _____ in the form of a _____
- Detail does not exit with _____ audible sound waves
- Point 3 laser-like beams – spread out (X) → only people in a _____
can hear the sound
- Detail museum visitors – hear exhibit _____ near the display

• Lecture

- Topic how _____ work
- Point 1 Herman von Helmholtz
– made a similar _____
- Detail two _____ played on an organ → a _____ is produced
- Point 2 ultrasonic waves – _____, _____
- Detail low-pitched sound waves – _____, _____
- Point 3 _____ – aimed like a light laser → only a person in the exact
_____ hears the sound
- Detail a grocery store – play an _____: allows only
the shopper _____ to hear it

Outlining

Complete the outline combining the two notes from the previous page.

- Topic **R** scientific _____
 L how _____
- Point 1 **R** an _____ by Elwood Norris
 – _____
- Support **L** Herman von Helmholtz – a _____
 : two loud notes played on an organ → _____
- Point 2 **R** ultrasonic waves – can be _____
- Support **L** ultrasonic waves – _____, _____
 : low-pitched sound waves – _____, _____
- Point 3 **R** laser-like beams – _____ can hear
 the sound
- Support **L** sound beams – _____ → only _____
 _____ hears the sound
 ex. an audio _____

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The lecture gives scientific explanations for _____ to back up the reading's discussion of _____.

First, the professor bolsters the reading's idea that _____. According to the professor, Herman von Helmholtz made _____. This German physicist found out that playing _____.

Besides that, the professor gives credence to the reading's idea that _____, which is a unique ability. He says _____, while low-pitched sound waves _____.

Finally, the professor explains that the sound beams are _____, so _____ as with an audio advertisement. This gives support to the reading's idea that _____ because laser-like beams do not spread out.

►► Paraphrasing Tips

an accidental discovery → a chance discovery

when two loud notes are played on an organ, a third note is also produced

→ playing two loud notes on an organ creates a third note as well

can be transmitted in the form of a laser-like sound beam

→ may be carried in the form of a focused sound beam

... spread out and weaken quickly → ...dissipate and weaken quickly

Only people in a small target area can hear the sound. → The sound is only audible in a small target area.

Finish Up

Read and listen.

Child labor, or the employment of children younger than a country's legal minimum working age, is a severe problem all over the world. You may ask, then, what kinds of workplaces these underage workers are employed in.

About 70% of the world's child laborers work in the agricultural sector of the economy. In many parts of the developing world, children work as helpers on their own family's farms or as laborers on commercial farms. A study, for instance, estimated that about 30% of Ethiopia's state-owned farms employ child workers.

Children are also employed in factories, where they do difficult and repetitive work such as sewing and dyeing clothing. In Bangladesh, thousands of the country's estimated 2 million textile workers are children younger than 14.

Finally, children often work in tourist areas as waiters, guides or vendors. In some tourist areas of India, such as New Delhi and Agra, they may also work as assistants for taxi drivers and shop owners.



 T08

Complete the outline.

Topic	R	
	L	
Point 1	R	
Support	L	
Point 2	R	
Support	L	
Point 3	R	
Support	L	

Summarize the points made in the lecture you just heard, explaining how they support the points made in the reading.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Word Round-up

Write the meaning of each word in Korean.

dexterous	adj.	skillful in physical movements; especially of the hands <i>Generally speaking, senior citizens are less dexterous.</i>	_____
accidental syn. incidental	adj.	happening by chance <i>The accidental discovery of dinosaur bones went into headlines.</i>	_____
ultrasonic	adj.	high-pitched above the upper limit of human hearing <i>The company used ultrasonic waves to repel household pests.</i>	_____
audible	adj.	able to be heard <i>You should have read the script in an audible voice.</i>	_____
transmission syn. transfer	n.	the process of passing something from one person or place to another <i>The doctors tried their best to stop the transmission of bird flu.</i>	_____
agricultural	adj.	related to agriculture or farming <i>Advances in agricultural technology will increase our food supply.</i>	_____
commercial	adj.	related to buying and selling things <i>Arthur's latest novel was a commercial success.</i>	_____
dye syn. color	v.	to change the color of something using a special liquid <i>My mother wants to dye the white tablecloth light green.</i>	_____
vendor syn. seller	n.	someone who promotes or exchanges goods or services for money <i>Paul looked at the street vendor, selling some vegetables.</i>	_____
manufacture syn. produce	v.	to make goods in large numbers, usually in a factory using machines <i>They import special car parts that are manufactured in Germany.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 Molly never thought that there was any _____ value in her needlework.
- 2 The tourists saw many _____ of traditional handicrafts in the market.
- 3 Their economy largely depended on _____ products like barley and wheat.
- 4 There was an _____ sigh of relief when the juggler finished his performance.
- 5 The hands of the robot were _____ enough to play the piano.
- 6 I want to find out how far our ears can hear into the range of _____ ring tones.

agricultural
dexterous

vendors
audible

ultrasonic
commercial

Choose the correct word that has the same meaning as the underlined part.

- 1 Leo has worked for a company which produces semiconductor chips for years.
a. consumes b. manufactures c. detects d. glides
- 2 Unfortunately, the beautiful temple was destroyed by an incidental fire.
a. urban b. deliberate c. accidental d. tolerant
- 3 The invention of printing greatly contributed to the transfer of knowledge and skills.
a. rivalry b. ruin c. thread d. transmission
- 4 Those shoes looked totally different after Kate colored them blue.
a. dyed b. recalled c. bribed d. folded

FREQUENT MISTAKES _ Fragments II

Fragments occur either when there is only a subordinate clause without a main clause or when an explanatory phrase is disconnected from the main clause.

Fragments	Possible Revision
The twins love to play sports. Such as basketball, tennis and hockey.	The twins love to play sports such as basketball, tennis and hockey.
The children found the way. Which leads to their house.	The children found the way which leads to their house.
Joan has to find a new roommate. Because the one she has now wants to move out.	Joan has to find a new roommate because the one she has now wants to move out.
Danny disappointed everyone. Giving up the match at the last moment.	Danny disappointed everyone, giving up the match at the last moment.

Correct sentence fragments below by adding independent clauses or explanatory phrases. Use correct capitalization and end punctuation in your new sentences.

- Henry traveled around several European countries. Such as England, France and Spain.
→ _____
- I will buy you the jigsaw puzzle. Which you have wanted to get for weeks.
→ _____
- When it saw Matthew. The puppy wagged its tail with excitement.
→ _____
- Samantha tries to improve her English. Because she wants to go abroad to study physics.
→ _____
- The audience was impressed. Listening to the tenor singing the aria.
→ _____



CHAPTER | 03

Problem & Solution

Make a well-organized summary based on the solutions suggested in the lecture to solve the problems presented in the reading.

Useful Expressions

suggest

The reading talks about negative side effects of desertification. The lecture **suggests** that we use nature itself to stop desertification such as building green walls of trees.

propose

The professor **proposes** a solution to excessive salt intake, saying that we can avoid the problem by checking the amount of salt we eat daily.

recommend

To prevent the problem of computer addiction among teenagers, the professor **recommends** that parents limit the time their children spend on the computer by setting a timer.

Choose an expression above and combine the two notes.

1

Reading
the problem of staying tense until
bedtime

Lecture
do things that can relax us
ex. listening to classical music

⇒ The reading talks about the problem of staying tense until bedtime. The lecture

..... such as

..... to solve the problem.

2

Reading
sunlight – speeds up the aging of our
skin

Lecture
avoid the problem by always preparing
certain things ex. sunscreen lotion, a cap

⇒ The professor a solution to sunlight which

....., saying that we can avoid the problem by

.....

advise

The reading discusses the edible water shortage problem in Africa, while the lecture **advise**s that more wells should be dug to secure sufficient water for everyday living.

address

The reading talks about the obesity problem among Americans. According to the professor, the problem can be **addressed** by changing their diet, which involves reducing sugar and fat intake.

as a solution

The reading talks about how electromagnetic waves affect us. **As a solution**, the professor mentions some recent inventions such as special plug-ins to protect us from those waves.

- | | | |
|---|--|---|
| 3 | Reading
harmful side effects of petroleum fuels | Lecture
develop ways to use other clean energy resources ex. windmills |
|---|--|---|

⇒ The reading discusses _____,
while the lecture _____ we should _____.

- | | | |
|---|---|--|
| 4 | Reading
the problem of overfishing whales in the Arctic seas | Lecture
take measures on the government level
ex. regulations to ban whale fishing in the area |
|---|---|--|

⇒ The reading talks about _____.
According to the lecture, it can be _____ by taking measures on the government level, which involves setting _____.

Warm Up

Note-taking

Read and listen.

These days we see more roadkill or fatal animal-vehicle collisions on roads and freeways than ever before. What are the main causes of these tragic accidents?

The primary reason for roadkill is thoughtless road development for human convenience. Wild animals must often make a risky crossing to get to a suitable spot for hunting or sleeping since their habitat is fragmented by road development.

Secondly, some wildlife passages, which allow animals to travel over or underneath the roads, are installed at the wrong locations. Animals rarely use them when they need to cross the roads for food or shelter.

Lastly, many wild animals are most active at night when the visibility of drivers is reduced. When dazzled by vehicle headlights, some species like rabbits will freeze in the middle of the road rather than flee, which can lead them to become victims of motor vehicles.



 T09

Fill in the blanks while you read and listen.

• Reading

- Topic main causes of _____
- Point 1 thoughtless _____ for _____
- Detail wild animals – make a _____ ← their habitat _____
- Point 2 wildlife _____ – installed at _____
- Detail animals – _____ to cross the roads for food or shelter
- Point 3 many wild animals – _____ at night
- Detail dazzled by vehicle _____: some species – _____ rather than _____
→ become _____ of motor vehicles

• Lecture

- Topic some ways to _____
- Point 1 wildlife _____ – should be taken into consideration before

- Detail Australia: road construction projects – _____ → minimize the
_____ on native fauna
- Point 2 building more well-located _____
- Detail constructing guide _____ – lead animals toward ecobridges
- Point 3 drivers – should be _____ around the roads that
_____ frequent
- Detail traffic signs → slow down, watch for _____

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction The reading talks about _____, and the lecture suggests _____.

Body 1 First, the reading mentions _____ as the primary reason for roadkill. As a solution, the professor suggests that _____ like in Australia, where road construction projects _____.

Body 2 Furthermore, the reading takes _____ installed at wrong locations as another cause for roadkill. To address this problem, the professor proposes _____ with _____, which lead _____ for their safety.

Body 3 Lastly, the reading says it is at night that _____ and some species become victims when _____. The professor advises that _____.

Structure Modifying

S + V + C + prepositional phrase → it + be verb + prepositional phrase + that + S + V + C

Many wild animals are most active at night.

→ *It is at night that many wild animals are most active.*

The cherry blossoms look so beautiful at this time of the year.

→ _____

Build Up

Note-taking

Read and listen.

Antibiotics are strong medicines that kill disease-causing bacteria. In many cases, however, these “wonder drugs” have stopped working. Why has this occurred?

First, we are affected by the antibiotics in the food we eat. Animal feed and plant soil both contain antibiotics, so we receive tiny antibiotic doses whenever we eat meat or vegetables. As a result of this, our body’s bacteria gradually become used to fighting the drugs, so medicines will become less effective.

In addition, our own medical overuse of antibiotics has created powerful antibiotic-resistant “supergerms”. Treatment of acne with Tetracycline has, for example, created a staph bacterial supergerm that cannot be killed by antibiotics.

Finally, many people using antibiotics experience unhealthy side effects because they ignore their doctors’ instructions. Antibiotics, being powerful poisons, also kill the “good” bacteria in our stomach, so any improper use of them can cause serious problems such as stomach upsets, skin problems and even kidney failure.



 T10

Fill in the blanks while you read and listen.

● Reading

Topic	why _____ have stopped working
Point 1	affected by antibiotics in _____
Detail	receive tiny _____ whenever we _____ → our body's _____ – used to fighting antibiotics
Point 2	_____ → created _____ “supergerms”
Detail	staph supergerm – cannot be killed by antibiotics
Point 3	experience _____ ← ignore doctors' _____
Detail	kill the _____ → cause serious problems

● Lecture

Topic	ways to _____ caused by antibiotics
Point 1	_____ getting antibiotics from _____ by consuming _____ _____
Detail	check _____ on the package, grow _____
Point 2	avoid _____ of antibiotics by _____
Detail	a _____ – if a _____ infection → _____ are needed
Point 3	_____ people about _____ antibiotics cause when misused
Detail	patients – should be advised: antibiotics cause _____ problems

Outlining

Complete the outline combining the two notes from the previous page.

Topic **R** _____
 L _____

Problem 1 **R** _____: receive tiny antibiotic doses
 whenever _____ → our body's bacteria – _____

Solution **L** _____

 ex. check the _____, grow _____

Problem 2 **R** _____ → created _____

Solution **L** _____ of antibiotics by _____
 ex. a _____ – if a _____ infection
 → _____

Problem 3 **R** _____ ← ignore _____

Solution **L** _____
 ex. patients – should be advised

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The reading discusses why antibiotics have become _____, and the lecture presents ways to _____.

According to the reading, _____. It explains that we get _____, and that our body's bacteria build up defenses against antibiotics. The professor _____ a solution to this problem, explaining that we can _____. She suggests that we check _____.

The reading also says _____. To prevent it, the professor _____ that we _____. According to her, no antibiotics are needed in case of _____.

Finally, the reading mentions that people get _____ from antibiotics, not following _____. The professor _____ that we _____, which can be an appropriate solution to it.

►► Paraphrasing Tips

... have stopped working → ... have become ineffective

prevent the problems ... → avoid the complications ...

receive tiny antibiotic doses whenever we eat ... → get tiny antibiotic doses from ...

become used to fighting the drugs → build up defenses against antibiotics

if it is a viral infection → in case of a viral infection

experience unhealthy side effects because they ignore their doctors' instructions

→ get adverse side effects, not following their doctors' directions

We have to educate people about how much harm antibiotics can cause us when they are misused.

→ We educate people about the damaging effects of antibiotic misuse.

Finish Up

Read and listen.

Attention Deficit Hyperactivity Disorder (ADHD) is a common childhood behavior disorder characterized by poor concentration, overactive behavior and impulsive actions. Many experts now believe that low levels of dopamine, a brain chemical associated with self-control, may cause the following symptoms.

One symptom of ADHD is inattentive behavior. Schoolchildren with ADHD may appear to be bored or daydreaming in class, and they often struggle to follow teachers' instructions. They may also lose or forget important items such as book-bags.

Another sign of ADHD is hyperactive behavior, where children may seem "always on the go" and act "as if driven by a motor". Children with ADHD may find it hard to sit still in class. Those restless children may get up at inappropriate times or interrupt their teachers.

Children with ADHD also exhibit impulsive behavior, in which they seem "out of control". This behavior can include reckless actions such as climbing on the roofs or setting fires. Because of these symptoms, children with ADHD often have academic or disciplinary problems in school.



 T11

Complete the outline.

Topic _____

L _____

Problem 1 **R** inattentive behavior – appear to be bored or daydreaming in class

Solution

Problem 2

Solution _____

Problem 3

Solution _____

Summarize the points made in the lecture you just heard, explaining how they suggest solutions to the problems mentioned in the reading.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Word Round-up

Write the meaning of each word in Korean.

collision	n.	an accident caused by the violent impact of a moving object <i>Megan's car was badly broken in a big collision.</i>	_____
fauna	n.	all the animals that live wild in a particular area <i>The students joined the field trip to explore the fauna of the forest.</i>	_____
nocturnal	adj.	of the night or active during the night <i>Most owls are nocturnal, so they hunt their prey at night.</i>	_____
dose syn. quantity	n.	a measured amount of something such as medicine <i>The doctor gave her large doses of vitamin C pills.</i>	_____
resistant	adj.	not harmed or affected by something <i>Diana bought a stain-resistant tablecloth at the mall.</i>	_____
ultimate syn. final	adj.	most important, highest or last <i>The marathoner's ultimate goal is to set the world record at the race.</i>	_____
impulsive	adj.	acting without any planning or consideration of the results <i>You will regret it if you make an impulsive decision.</i>	_____
inappropriate syn. improper	adj.	unsuitable, especially for the particular time, place or situation <i>A bicycle is an inappropriate gift for a two-year-old boy.</i>	_____
symptom	n.	any feeling of illness or physical or mental change that is caused by a disease <i>The old man started to show symptoms of arthritis.</i>	_____
reckless syn. careless	adj.	doing something dangerous and not caring about the risks and the possible results <i>Those reckless drivers should be fined heavily.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 Several researchers went to the Canary Islands to study the _____ there.
- 2 An _____ shopper, Alice often buys what she does not need.
- 3 I did not understand why she wore such an _____ dress for the occasion.
- 4 Those flowers are _____ and bloom from around 10 p.m. to midnight.
- 5 A high fever, a runny nose and a sore throat are the usual _____ of the flu.
- 6 Rachel planted some disease-_____ apple varieties in her garden.

inappropriate
fauna

nocturnal
resistant

symptoms
impulsive

Choose the correct word that has the same meaning as the underlined part.

- 1 Winning the first prize seemed to be the final achievement for Helen.
a. ultimate b. absurd c. redundant d. additional
- 2 You should apologize for that careless behavior in public.
a. considerate b. reckless c. obligatory d. resentful
- 3 Patrick said that the car crash took place in the crosswalk.
a. conflict b. struggle c. argument d. collision
- 4 The patient will receive the right medicine in an appropriate quantity.
a. doze b. royalty c. dose d. faculty

FREQUENT MISTAKES _ Parallelism

Parallel structure means using the same pattern of words in a sentence. It shows that two or more ideas have the same level of importance.

ex The mayor gave a speech briefly, gently but firm.

→ The mayor gave a speech **briefly, gently but firmly**.

Playing the piano or sing makes me joyous all the time.

→ **Playing the piano or singing a song** makes me joyous all the time.

The doctor told him that he should stop smoking and to reduce trans fat intake.

→ The doctor told him **that he should stop smoking and that he should reduce trans fat intake**.

Revise each sentence to have parallel structure.

1 Her new dress is elegant, beautiful but expensively.

→ _____

2 Jamie loves playing soccer, doing homework and to go fishing with Mike.

→ _____

3 Samantha played the cello enthusiastically and with ease.

→ _____

4 It either snows or there is hail during the night in the mountains.

→ _____

5 Jessie requested that we buy some groceries and preparing dinner.

→ _____



TOEFL® iBT ACTIVATOR Writing



PROGRESS TEST 1

Read the following passage and take notes while you read.

Genetic Modification (GM) technology holds great promise in meeting our planet's various needs. Genetic modification, in which genes are inserted into or removed from food-producing plants, enables us to tailor what we eat.

GM technology is a boon for our health, as scientists can remove the genes that cause human food allergies. Hence, millions of people who were previously allergic to wheat, cow's milk and eggs would become able to enjoy these healthy products safely.

GM technology also helps the environment, as it reduces the use of damaging chemicals in agriculture. In the United States, many corn crops have been modified with the *Bacillus thuringiensis* (BT) gene, which is poisonous to harmful insects. Accordingly, these BT-crops require less spraying with chemical poisons.

Most importantly, GM technology may help us meet the food needs of our rising global population. Genetic modification, which in the future could also include fruits and grains specially engineered to bloom earlier, will increase agricultural efficiency and output. This will be greatly needed to feed a global population projected to grow to over 9 billion people by 2100.

Now listen to a lecture on the topic you just read about and take notes.



 T12

Complete the outline.

Topic	R	_____
	L	_____
Point 1	R	_____
Challenge	L	_____
Point 2	R	_____
Challenge	L	_____
Point 3	R	_____
Challenge	L	_____

Summarize the points made in the lecture you just heard, explaining how they challenge the points in the reading.

TOEFL Writing

VOLUMEHELPNEXT

Read the following passage and take notes while you read.

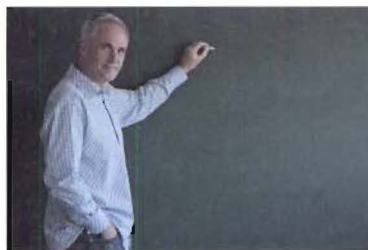
Animals have evolved a number of special adaptations not to fall victim to their predators. To increase their chances of survival, they should master the art of disguising themselves in their natural surroundings. What adaptations help animals stay safe from their enemies?

The most common technique for protection is to match the background of one's surroundings. Some animals change their colors in accordance with a change in the environment. These creatures have a collection of chromatophores, each of which contains a single pigment. They alter their overall skin color by manipulating those chromatophores if it is necessary.

In addition, other animals take advantage of distinctive designs on their bodies that may serve as visual disruptions. Those patterns like stripes are especially effective when animals in a species are grouped together. In that case, the predator finds it rather difficult to get a clear sense of where to strike at.

Lastly, certain animals use a more aggressive tactic. They scare their predators off by disguising themselves as something dangerous. More often than not, we can see smaller, weaker species imitate stronger animals to protect themselves. If they succeed in tricking their enemies, they might survive longer.

Now listen to a lecture on the topic you just read about and take notes.



 T13

Complete the outline.

Topic	R	_____
	L	_____
Point 1	R	_____
Support	L	_____
Point 2	R	_____
Support	L	_____
Point 3	R	_____
Support	L	_____

Summarize the points made in the lecture you just heard, explaining how they elucidate the points in the reading.

TOEFL Writing

VOLUME 50HELP2NEXT



PART II

Independent Writing

Put your experience and knowledge to the best use to write an essay, weaving specific details or examples to support each point you make so that your writing flows smoothly.

INDEPENDENT WRITING

Overview & Writing Process

CHAPTER 04

Preference

CHAPTER 05

Agreement

CHAPTER 06

Detail

CHAPTER 07

Assumption

INDEPENDENT WRITING

Study Points

Clearly state your opinion and expand upon it using supporting ideas and details to successfully write an essay for Independent Writing Task.

Question Types

Preference

The question asks you which you like better between two options.

ex *When people move to another country, some of them decide to follow the customs of the new country. Others prefer to keep their own customs. Which one do you prefer?*

Agreement

The question asks you if you agree or disagree with the given statement.

ex *Do you agree or disagree with the following statement? Boys and girls should attend separate schools.*

Detail

The question asks you to explain or describe about the topic.

ex *People do many different things to stay healthy. What do you do for good health?*

Assumption

The question asks you to assume a certain condition and describe your ideas regarding it.

ex *If you could change one important thing about your hometown, what would you change?*

Sample

TOEFL Writing

Question 2 of 2

VOLUME
5

HELP
?

NEXT
→

HIDE TIME

00:29:56

Directions: Read the question below. You have 30 minutes to plan, write and revise your essay. Typically, an effective essay will contain a minimum of 300 words.

Question: Do you agree or disagree that progress is always good? Use specific reasons and examples to support your answer.

Strategies

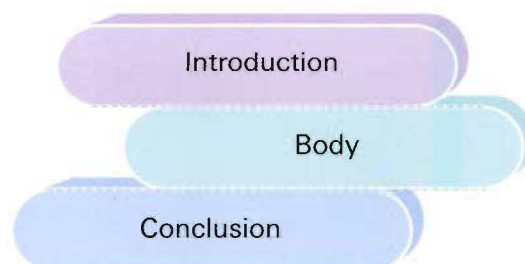
Think of different ideas and details as they come to your mind randomly, and then arrange them to support your thesis statement.

Write an essay draft that explains your ideas in detail.

After writing a draft, make sure to self-check if there are any mistakes in spelling, punctuation, indentation and grammar. Make sure that your essay has a logical flow.

Essay Structure

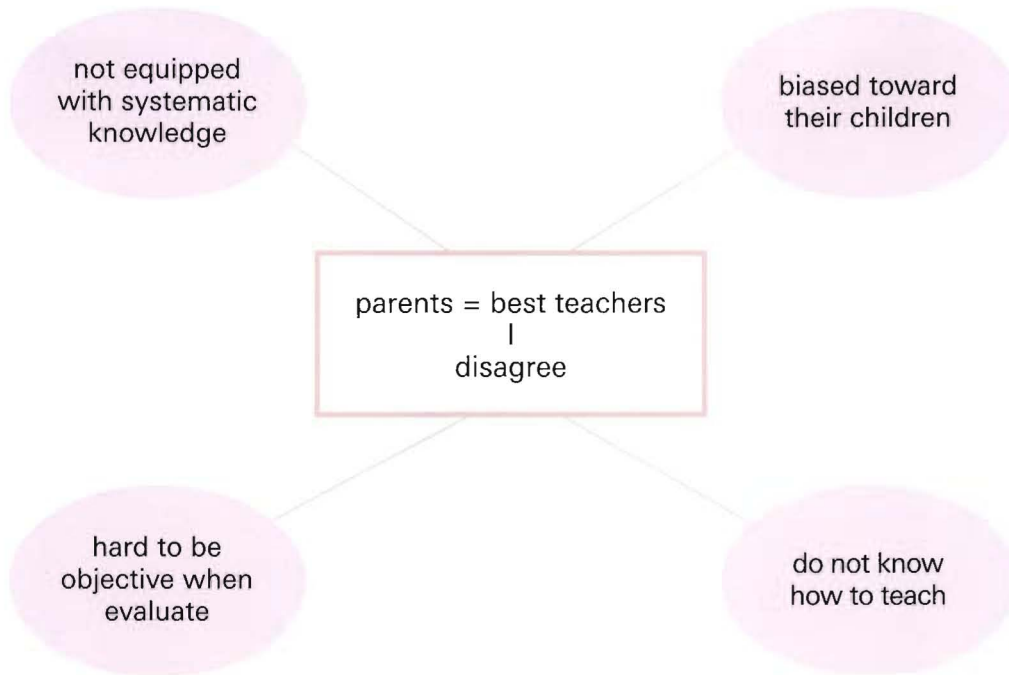
	Structure Description
Introduction	general statement + thesis statement
Body	supporting points + reasons / ideas & details
Conclusion	summary of thesis & points



WRITING PROCESS

Do you agree or disagree with the following statement? Parents are the best teachers.
Use specific reasons to support your answer.

Brainstorm



- **Tips** Think of ideas about a topic through free association.
Write them all down and select feasible ideas.

Outline

Thesis disagree – parents = the best teachers

Reason 1 tend to be _____

Detail _____ when they evaluate their kids

Reason 2 not equipped with _____

Detail do not know _____ efficiently

►► **Tips** Consider those ideas from the previous brainstorming.
Categorize them into a thesis, points and details to make a **frame** for an essay.

Essay

Introduction People have different criteria as for excellent teachers, and some believe that parents are the best teachers. But when it comes to teaching knowledge, I _____ for the following reasons.

Body First, parents _____. It is often hard for parents to _____ due to their affection for the kids.

Second, parents are usually _____ to teach their children. They may possess a certain amount of knowledge, but most of them _____ it to their children _____.

Conclusion To sum up, parents may be the first and most affectionate teachers for their children. However, I do not believe that parents are the best teachers due to their bias toward their children and lack of systematic knowledge to teach.

►► **Tips** Make sure that the essay consists of an introduction, a body and a conclusion.
Use correct punctuation and capitalization along with indentation.
Use proper words, expressions and helpful transition words.





CHAPTER | 04

Preference

The preference question presents you with two different options and asks you which you like better. Select one of the two given choices and support it with plausible reasons and specific details.

Useful Expressions

prefer “noun” to “noun”

Harry **prefers homemade foods to ready-made ones.**

Most of the collectors **preferred ancient Greek urns to modern vases.**

prefer “to infinitive” rather than “to infinitive”

Alice **prefers to bake cookies rather than to buy them** at the store.

Those artists **preferred to paint outdoors rather than to paint indoors.**

would rather “verb” than “verb”

I would rather set the table than wash the dishes.

Harley told us that she **would rather mow the lawn than wipe the windows.**

I Unscramble I

1 mashed ones, prefers, Dan, to, baked potatoes

2 rather buy, it, at the library, I, borrow, would, the book, than

have a preference for “noun” rather than “noun”

I have a preference for team sports rather than individual ones.

My family, especially my elder brother, had a preference for meat rather than vegetables.

“gerund” is/was preferable to “gerund”

Using credit cards is preferable to using cash for me.

Surfing the Net is preferable to looking through the encyclopedia.

It is/was preferable for... “to infinitive”

It was preferable for the workers to use the company cafeteria.

It is preferable for me to eat several small meals instead of three meals per day.

-
- 3 Japanese ones, Michelle, rather than, for English roses, has a preference

- 4 for Tom, preferable, instead of the bus, it was, to take the subway

Warm Up

Students at universities often have a choice of places to live. They may choose to live in university dormitories, or they may choose to live in apartments in the community. Where would you prefer to live? Give specific reasons and details for your preference.

Complete the outline by selecting proper brainstorming tips.

Thesis have a preference for living in an off-campus apartment

Reason 1 can be more economical

Detail _____ → expensive
 apartment – can cook our own food → cheap, convenient

Reason 2 can offer _____

Detail _____ on how we decorate, what time we return

Brainstorming Tips

- | | |
|---|---|
| <input type="checkbox"/> dormitories – restrictions | <input checked="" type="checkbox"/> more economical |
| <input type="checkbox"/> many dormitories – require meal plan | <input type="checkbox"/> provide extracurricular activities |
| <input type="checkbox"/> more freedom | <input type="checkbox"/> lonely sometimes |

Choose the general statement and the thesis for the question above.

general statement _____	thesis statement _____
① University life offers students many new social opportunities.	① I would rather live in a dormitory because of the better social opportunities.
② Students at universities usually enjoy a lot of freedom in their lives.	② I personally have a preference for living in an off-campus apartment rather than an on-campus dormitory.
③ University students usually have options regarding their living arrangements.	③ I prefer to live near the campus because it is more convenient.

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction

_____ While individual choices can vary, _____

_____.

Body

For one thing, living in apartments _____ than living in dormitories. Many university dormitories require students to sign up for a _____ and this can be _____. Living in an apartment allows us to _____, which is both _____.

In addition, apartments can _____. Dormitories often have _____ our room and even on _____ each evening. Apartment living is therefore a better choice for someone who wants a more independent lifestyle.

Write the *Conclusion* using the tips below.

Conclusion

To sum up, university students usually _____
_____. I myself prefer an off-campus apartment to an on-campus dormitory as it _____. Besides that, _____
_____.

►► **Paraphrasing Tips**

...have options regarding their living arrangements → ...have choices concerning where to live

Living in apartments can be more economical. → It costs less.

Apartments can offer students more freedom. → I can live more independently in an apartment.

Build Up

Some people like to do only what they do well. Others prefer to try new things and take risks. Which do you prefer? Give specific reasons and details to support your choice.

Option 1

Complete the outline using the idea bank.

Thesis prefer to try new things and take risks

Reason 1 easily become _____ & stuck in a routine ← do only what I do well

Detail _____

ex. acting in a school play → sense of excitement, accomplishment

Reason 2 allows me to _____ I otherwise would not know I had

Detail ex. class project – _____

► idea bank bored / endeavors / skill / discover

Complete the essay from the outline above.

Introduction People have different ideas when it comes to trying new things. While some people prefer to _____, others like to _____. I prefer the latter for the following reasons.

Body First, I _____ when I do only what I do well. But _____, such as acting in a school play, have given me _____ even when I did not succeed completely at them.

More importantly, trying new undertakings allows me to _____. For example, while doing _____ last semester, I discovered that I had _____.

Conclusion In sum, I prefer to try things outside of the usual routine as I _____ when I only do what I am good at. Besides, _____.

Option 2

Fill in the blanks with your own words.

Thesis prefer to do only the things I do well

Reason 1 gain confidence

Detail _____

Reason 2 hate to waste time _____

Detail _____

Write the essay using the completed outline above.

Introduction _____ Some people enjoy new things, but I personally _____ for the following reasons.

Body To start with, I can _____ when I work harder at the things I excel in. I am not good at running long distances, but I excel as a sprinter. So _____.

In addition, I just _____. Once, for example, _____.

Conclusion In short, trying out new activities is a feature of all our lives. In my case, however, _____.

Finish Up

When people move to another country, some of them decide to follow the customs of the new country. Others prefer to keep their own customs. Which do you prefer? Give specific reasons and details to support your answer.

Complete the outline.

Topic prefer to follow the customs of the new country

Reason 1 _____

Detail _____

Reason 2 _____

Detail _____

When You Write

- _ Include a thesis statement and supporting points along with details.
- _ Use correct punctuation, capitalization and indentation.
- _ Make the best use of your thesaurus to use a wide variety of words and expressions.
- _ Be careful not to make spelling mistakes.
- _ Use helpful transition words so that your essay flows smoothly.

Write the essay based on the outline from the previous page.

For people moving to another country, the issue of which customs to follow becomes important. In my opinion, _____

[illegible]

Word Round-up

Write the meaning of each word in Korean.

biased	adj. favoring or siding over one side	<i>I do not trust what he says because he can be biased.</i>	_____
objective syn. unprejudiced	adj. not influenced by personal feelings; based on fact	<i>My teacher is objective when he evaluates our reports.</i>	_____
affection syn. fondness	n. fond or tender feeling toward somebody or something	<i>Megan looked at her sleeping baby with great affection.</i>	_____
economical syn. cost-effective	adj. costing relatively little	<i>Buying in large quantities can be more economical.</i>	_____
extracurricular	adj. done or happening outside the usual school curriculum	<i>Ben benefited more from extracurricular activities.</i>	_____
restriction syn. regulation	n. a principle that limits the extent of something	<i>Some restrictions on the mass media were recently lifted.</i>	_____
endeavor syn. effort	n. an earnest attempt to achieve something	<i>Her parents did everything to help Lisa in her latest endeavor.</i>	_____
risk syn. danger	n. the possibility of suffering harm or injury	<i>Firefighters often take risks to rescue people from a fire.</i>	_____
sprinter syn. dashman	n. a person who runs a short-distance race	<i>All the sprinters ran at full speed to win the race.</i>	_____
be equipped with	to be provided or prepared with proper equipment	<i>The laboratory was equipped with cutting-edge computers.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 It is unpleasant to be with a person who is _____ against me.
- 2 The private school is famous for its excellent _____ sports.
- 3 Too much sugar and carbohydrates can increase the _____ of diabetes.
- 4 Despite my best _____, I could not break the record of last year.
- 5 We cannot tell who is faster between a long-distance runner and a _____.
- 6 The rescuers _____ water-proof clothing, food and camping gear.

risk
sprinter

endeavors
biased

were equipped with
extracurricular

Choose the correct word that has the same meaning as the underlined part.

- 1 I often ask advice from the elderly, as they are unprejudiced.
a. caring b. flexible c. objective d. sharp
- 2 The orphan found it hard to express his fondness for the kind lady.
a. column b. distraction c. mole d. affection
- 3 The Taylors moved to the suburban area, for it was more cost-effective.
a. fluent b. economical c. unpractical d. sticky
- 4 There was a height regulation of ten stories on the buildings in the area.
a. restriction b. friction c. collision d. alliance

FREQUENT MISTAKES _ Run-Ons

A run-on sentence occurs when two independent clauses are combined without punctuation, conjunction or transitional words between them.

Run-on sentences	Possible Revision
I would like a glass of lemonade how about you?	I would like a glass of lemonade. How about you?
Panda bears live in China they eat bamboo.	Panda bears live in China, and they eat bamboo.
Laura was only eleven years old, she passed the college entrance exam.	Though Laura was only eleven years old, she passed the college entrance exam.

Correct run-on sentences below by adding a comma, period or conjunction words.

- 1 Jason and I are going to the library do you want to come along?
→ _____
- 2 Despite the adverse weather conditions the rescue team kept searching for the crew of the wrecked ship.
→ _____
- 3 The cheetahs used to roam freely in the jungle now most of them live in animal preserves.
→ _____
- 4 This morning was extremely cold we had to put on our coats.
→ _____
- 5 The little boy kept crying for hours his mother did not know what to do with him.
→ _____



CHAPTER | 05

Agreement

The agreement question presents you with a statement and asks you if you agree or disagree with it. Choose one side and support it with relevant reasons and specific details.

Useful Expressions

agree with

*I **agree with** the idea that joining a study group facilitates children's learning.*

*Most experts **agreed with** Einstein's Theory of Relativity, though some did not fully understand it.*

"be verb" + for

*I **am for** the idea that people tend to feel "the grass is greener on the other side".*

*The animal rights proponents **are for** the proposed legislation to ban whale hunting in the Arctic seas.*

strongly believe

*I **strongly believe** that peers play an important role for children's social development.*

*Joshua **strongly believed** that underage child labor should be stopped throughout the world.*

I Unscramble I

- 1 come together, for the idea that, I am, global warming, we should, to stop

- 2 should be allowed, I, several short vacations, the idea that, students, in a year, agree with

disagree with

I **disagree with** the statement that cyber schooling benefits us more than traditional one.

Liz **disagreed with** the idea that space exploration projects should continue for our future generation.

“be verb”+ against

I **am against** the statement that we should sometimes do what we do not enjoy doing.

Karl **was against** the idea that attending a live performance is more enjoyable than watching it on TV.

personally think

I **personally think** that advertising encourages us to buy what we really do not need.

Oscar **personally thinks** that borrowing money from a friend can harm or even completely ruin the friendship.

3 has nothing, was against, that, I, to do with success, the statement, luck

4 have the same right, personally think, as we do, that, from suffering, I, to be free, wild animals

Warm Up

Do you agree or disagree with the following statement?

A person should never make an important decision alone. Use specific reasons and examples to support your answer.

Complete the outline by selecting proper brainstorming tips.

Thesis disagree – should never make an important decision alone

Reason 1 _____

Detail follow others' advice, get negative results → _____

Reason 2 _____ without others' interference

Detail discussions on a serious matter with friends → turn into chatting,

Brainstorming Tips

- | | |
|---|---|
| <input type="checkbox"/> make more effective decisions | <input type="checkbox"/> a primary factor to consider |
| <input type="checkbox"/> will blame others | <input type="checkbox"/> no practical decisions made |
| <input type="checkbox"/> many types of decisions to make
in different situations | <input type="checkbox"/> learn to take the responsibility for
my own decisions |

Choose the general statement and the thesis for the question above.

general statement _____	thesis statement _____
① Humans are social animals by nature.	① I think it is better to work alone than in a large group.
② Our ability to make decisions improves as we get older.	② I believe that making our own decisions is better than consulting with others.
③ Some people seek out others' advice when deciding on things.	③ I feel that some people have natural leadership ability while others do not.

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction Some people _____.
They think that a person should never make an important decision alone.
I disagree with them, for I believe that _____.
_____. The reasons are as follows.

Body Above all, I _____.
If I _____ and get negative results, I _____
instead of myself. However, I will accept my mistake and learn a lesson
from my failure if the decision is solely mine.
In addition, I personally _____.
_____. More often than not, I find that _____
_____ can easily turn into chatting
with _____.

Write the *Conclusion* using the tips below.

Conclusion In brief, I strongly believe that we should _____.
_____. I learn to take the responsibility _____.
_____. More importantly, _____.
_____.

►► Paraphrasing Tips

Making our own decisions is better than consulting with others.

→ We should make key decisions by ourselves.

for my own decisions → for whatever decision I make

I personally make more effective decisions without others' interference.

→ I myself come to better decisions without others' input.

Build Up

Do you agree or disagree with the following statement? Students benefit a lot from working part time. Use specific reasons and examples to support your answer.

Option 1

Complete the outline using the idea bank.

- Thesis disagree – students benefit a lot from working part time
- Reason 1 jobs – demand time → get _____
- Detail a U.S. study: students working over 15 hrs/week – got _____
- Reason 2 working students – _____ → little time for friends & family
- Detail friends with jobs – _____
- **idea bank** grades / busy / extracurricular activities

Complete the essay from the outline above.

Introduction People have different opinions on whether having part-time jobs is harmful or beneficial for students. I am against the statement that _____ as it can be disadvantageous to them for the following two reasons.

Body To begin with, the jobs _____ students' _____, which _____. According to _____, high school students _____ than students without jobs.

It follows, then, that working students are _____, having _____. For example, my friends with jobs _____.

Conclusion On the whole, there are various views on working students. I personally think that _____. These time-consuming jobs can make students _____ in classes. Besides, working students are _____.

Option 2

Fill in the blanks with your own words.

- Thesis agree – _____
- Reason 1 a job – teaches students to be more responsible, dependable
- Detail fast food jobs – _____
- Reason 2 financial independence – gives them money management skills
- Detail can save or spend as they choose → pay attention to _____

Write the essay using the completed outline above.

Introduction People have _____
_____. I _____
_____.

There are two main reasons why I support the idea.

Body First, I think that having a job _____
_____. To give an example, _____
_____.

In addition, newly gained _____ gives them
_____. Being able to save or spend as they
choose, those students pay _____.
Consequently, they get to be more careful with their expenses.

Conclusion In short, people have _____.
I personally think that students reap strong benefits from having part-time
jobs. Students _____.
_____.
On top of that, they are given _____
_____ through newly gained financial independence.

Finish Up

Do you agree or disagree with the following statement? Grades encourage students to learn. Use specific reasons and examples to support your opinion.

Complete the outline.

Topic agree – grades encourage students to learn

Reason 1 _____

Detail _____

Reason 2 _____

Detail _____

When You Write

- Include a thesis statement and supporting points along with details.
- Use correct punctuation, capitalization and indentation.
- Make the best use of your thesaurus to use a wide variety of words and expressions.
- Be careful not to make spelling mistakes.
- Use helpful transition words so that your essay flows smoothly.

Write the essay based on the outline from the previous page.

There has always been much discussion about whether or not grades stimulate learning.

I personally agree with _____.

There are _____

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery. There is no handwriting or other markings on the page.

Word Round-up

Write the meaning of each word in Korean.

interference syn. intervention	n.	others' unwanted or unnecessary involvement in something <i>My son thought any advice from me was annoying interference.</i>	_____
blame	v.	to attribute responsibility to someone or something <i>Ralph blamed himself for not having passed the exam.</i>	_____
consult	v.	to get information or advice from someone or something <i>Dan will consult with his doctor before deciding on the operation.</i>	_____
solely syn. exclusively	adv.	not involving anyone or anything else <i>The man uses his cell phone solely for business purposes.</i>	_____
demand syn. require	v.	to need something such as time, effort or a particular quality <i>The final exam will demand all your time and efforts.</i>	_____
financial	adj.	relating to money or how money is managed <i>The company had to decline the offer for financial reasons.</i>	_____
expense	n.	an amount of money needed or used to do or buy something <i>You will be in trouble unless you cut down on your expenses.</i>	_____
reap syn. obtain	v.	to receive something as a result of your own actions <i>The company is expected to reap great benefits from the deal.</i>	_____
stimulate syn. activate	v.	to encourage something to grow, develop or become active <i>Bedtime stories are known to stimulate children's imagination.</i>	_____
seek out		look for a specific person or thing <i>Jane belongs to those who always seek out familiar surroundings.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 The nation's economy picked up again after the _____ crisis.
- 2 Hugh's biggest _____ last year was his university tuition.
- 3 Ethan used to _____ fancy restaurants when he ate out.
- 4 This kind of math problem _____ a lot of concentration.
- 5 Some citizens _____ the police for neglecting their duty.
- 6 You should _____ with your lawyer about whether to change your will.

financial
seek out

consult
blamed

expense
demands

Choose the correct word that has the same meaning as the underlined part.

- 1 Michael is exclusively responsible for his worsening grades.
a. scarcely b. mutually c. solely d. accidentally
- 2 The government tried to activate the country's economy through tax cuts.
a. formulate b. stimulate c. prolong d. recede
- 3 The manager's intervention was not effective for sales promotion.
a. theory b. resolution c. convention d. interference
- 4 Some poachers obtained a fortune by hunting and selling rare tropical animals.
a. reaped b. tamed c. deserted d. assumed

FREQUENT MISTAKES _ Subject-Verb Agreement I

The subject and verb in a sentence must agree in number. That is, if a subject is singular, it requires a singular verb and if plural, it requires a plural verb.

- Rule 1** Indefinite pronouns such as *each, either, neither, anyone, anybody, anything, someone, somebody, something, everyone, etc.* take singular verbs.
ex Each of the girls **takes** her turn at bungee jumping.
- Rule 2** Indefinite pronouns such as *all* and *some* can be singular or plural depending on what they are referring to.
ex Some of the coins **are** missing from her purse.
Some of the bread **tastes** stale.
- Rule 3** Nouns such as *mathematics, news* and *measles* take singular verbs.
ex Mathematics **is** my favorite subject.
- Rule 4** Collective nouns such as *class, family* and *committee* take singular verbs when regarded as a unit. But they take plural verbs when the individuals in the group are regarded separately.
ex The whole class **is** in the gymnasium now.
The class **have** to finish their projects by Friday.

Choose the correct verb and rewrite each sentence.

- 1 Each of those peaches (look, looks) delicious and juicy.
→ _____
- 2 Dan thought that something (was, were) missing from his locker.
→ _____
- 3 Some of the flour (has, have) been spilled on the floor as the paper bag was torn.
→ _____
- 4 The reporter says measles (is, are) rapidly spreading in the small town.
→ _____



CHAPTER | 06

Detail

The detail question asks you to offer a specific explanation or description around a theme. Make the best use of your personal experience and knowledge for your essay.

Useful Expressions

give “adjective” reasons for

*I can **give two reasons for** choosing those approaches which are known to be crucial for children’s emotional development.*

*Melissa **gave certain reasons for** preferring organic grains to genetically modified ones.*

from one’s point of view

***From my point of view**, living in a university dormitory is better for its accessibility.*

*The article was not that objective because it was written solely **from the writer’s point of view**.*

two/three main reasons why

*I want to list **three main reasons why** more wildlife crossings are needed near the highways.*

*There are **two main reasons why** we should preserve our own culture and customs.*

I Unscramble I

- 1 open-mindedness, of a good roommate, the most important quality, from my point of view, is

- 2 why, for the next generation, two main reasons, I want to list, is critical, protecting rain forests

share this/the idea

Some think animals must not be used in laboratories. I **share this idea** for the following reasons.

Bob **shares the idea** that there has to be global cooperation to solve the water shortage problem.

more important is that

More important is that children learn how to assist each other in the summer camp.

More important is that there are no negative side effects in the newly adapted treatment.

in particular

I want to emphasize three things **in particular** in my presentation on the origin of the Sun.

There are certain things that I like about solitary traveling in the mountainous regions **in particular**.

-
- 3 peer pressure plays, that, for the social development, I, of children, share the idea, a crucial role

-
- 4 too accustomed to, for their assignments, more important is that, relying on, teenagers are, Internet surfing
-

Warm Up

A lot of students do certain kinds of extracurricular activities. Why are those activities important for them? Use specific reasons and examples to support your answer.

Complete the outline by selecting proper brainstorming tips.

Thesis why extracurricular activities are important

Reason 1 _____ while learning new skills

Detail outdoor club – _____ while learning outdoor skills

Reason 2 _____

Detail team sports – learn how to get along with, _____

Brainstorming Tips

- ☐ can improve our social skills
- ☐ relax, enjoy nature
- ☐ cheerleaders – more popular

- ☐ can get rid of stress
- ☐ motivate our teammates
- ☐ skip activities that do not suit us

Choose the general statement and the thesis for the question above.

general statement _____	thesis statement _____
① Balancing our studies and extracurricular activities is not easy.	① I myself can give two basic reasons why these activities are important.
② Students are faced with many choices when they decide on extracurricular activities to participate in.	② I personally have faced a variety of options when choosing a club to join.
③ Extracurricular activities are an important part of many students' lives.	③ I myself have tried to make a balance between my school life and my outside activities.

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction Extracurricular activities are _____
_____, and there has been much discussion concerning the reasons
for their importance. _____
_____.

Body To begin with, we can _____
when we participate in extracurricular activities. In our school's outdoor
club, members can _____
_____ such as reading trail maps and setting up tents.
In addition, extracurricular activities _____.
For example, when we participate in _____ like basketball or
football, we _____ and _____.

Write the *Conclusion* using the tips below.

Conclusion In short, much has been said about _____
_____. From my point of view, they are important because we can
eliminate stress and _____.

►► **Paraphrasing Tips**

There has been much discussion concerning the reasons for their importance.

→ Much has been said about the value of extracurricular activities.

get rid of stress → eliminate stress

improve our social skills → boost our interpersonal skills

Build Up

Some people say that the use of email makes us worse writers. Do you think the use of email affects our writing skills? Use specific reasons and examples to support your answer.

Complete the outline using the idea bank.

- Thesis use of email – affects our writing skills
- Reason 1 rely less on strong writing skills ← offer _____
- Detail insert a “smiley” emoticon
- Reason 2 _____ about basic writing conventions
- Detail use deliberate misspellings → make us less attentive to _____
- **idea bank** emoticons / lazy / spelling

Complete the essay from the outline above.

Introduction Increasingly, people are more likely to use email instead of regular letters. However, it is often said that _____.
I also share this idea for the following reasons.

Body First, we now _____ because email offers a variety of _____. Rather than use rich vocabulary to vividly describe an event, we can simply write something and _____.

More important, perhaps, is that email _____ such as spelling. To type messages more quickly, we often _____ like “prolly” for “probably” in our email messages, and doing this continually can _____.

Conclusion Overall, I do think that the use of _____.
Offering emoticons, it diminishes the need for solid _____.
It also _____.

According to some people, the use of email makes us better writers. Do you think the use of email improves our writing skills? Use specific reasons and examples to support your answer.

Fill in the blanks with your own words.

Thesis use of email – improves _____
Reason 1 gives _____
Detail get many email messages → get more practice in writing
Reason 2 _____
Detail _____

Write the essay using the completed outline above.

Introduction _____
I personally think _____
There _____

Body For one thing, _____
I _____ from my friends or relatives,
which makes me write more frequently than when I use snail mail. I am
never lazy with keeping up with my e-pals, so I get _____
_____.

Besides that, email _____

Conclusion All in all, I believe that _____
It lets us write more frequently, so I _____
_____. Email also _____

Finish Up

In your opinion, what are the two most important characteristics that a person should have to be successful in life? Use specific reasons and examples from your experience to explain your answer.

Complete the outline.

Topic two most important qualities for success

Point 1 persistence – enables us to do things we never thought possible

Detail _____

Point 2 _____

Detail _____

When You Write

- _ Include a thesis statement and supporting points along with details.
- _ Use correct punctuation, capitalization and indentation.
- _ Make the best use of your thesaurus to use a wide variety of words and expressions.
- _ Be careful not to make spelling mistakes.
- _ Use helpful transition words so that your essay flows smoothly.

Write the essay based on the outline from the previous page.

Most of us want to be successful in whatever we do, which calls for certain personal characteristics. _____

[illegible]

Word Round-up

Write the meaning of each word in Korean.

boost syn. promote	v. to improve or increase something <i>The marketing team took measures to boost sales of the new car.</i>	_____
interpersonal	adj. involving relationships between people <i>Our managerial job asks for outstanding interpersonal skills.</i>	_____
insert	v. to put or introduce something into something else <i>The boy inserted an image of an arrow into the text.</i>	_____
convention	n. a standard or well-used technique in art or writing <i>Manet did not follow the usual conventions in his paintings.</i>	_____
deliberate syn. intentional	adj. carefully thought out and done purposely <i>My uncle made a deliberate choice not to eat meat.</i>	_____
attentive syn. heedful	adj. giving close and thoughtful attention <i>Great parents are always attentive to their children's needs.</i>	_____
vividly syn. graphically	adv. in a manner to produce distinct mental images <i>I vividly remember the first day I went snowboarding with Dad.</i>	_____
diminish syn. decrease	v. to reduce something in size or importance <i>Long droughts further diminished food supplies in the country.</i>	_____
persistence syn. patience	n. the quality of continuing something steadily despite problems or difficulties <i>The spectators were impressed by Julie's persistence in the race.</i>	_____
keep up with	to stay in contact with someone <i>George still keeps up with several friends from college.</i>	_____

Fill in each blank with an appropriate word from the box.

- 1 This software lets you _____ animated emoticons into your emails.
- 2 Simon wishes that his daughter would be _____ to what he tells her.
- 3 It seemed that Alison did not _____ her relatives, including her cousins.
- 4 Constant praise of her essays will _____ Jessie's self-confidence.
- 5 The training course is designed to improve your _____ relations at work.
- 6 Writing _____ such as capitalization and punctuation should be observed.

conventions
keep up with

interpersonal
attentive

insert
boost

Choose the correct word that has the same meaning as the underlined part.

- 1 Sarah made several intentional mistakes to draw the attention of her coach.
a. deliberate b. clever c. terminal d. international
- 2 Joe's patience and passion had earned him wealth and fame.
a. sympathy b. trace c. property d. persistence
- 3 The newly proposed act will decrease the power of the federal government.
a. disturb b. diminish c. salute d. amplify
- 4 Her novels graphically described the private lives of French nobles in the 18th century.
a. vaguely b. randomly c. vividly d. ironically

FREQUENT MISTAKES _ Subject-Verb Agreement II

Check the agreement: singular subjects require singular verbs; plural subjects require plural verbs in sentences.

Rule 1 A as well as B: the verb agrees with A

ex Beth as well as her classmates **loves** club activities.

The twins as well as Denise **want** to join their school football team.

Rule 2 A or B: the verb agrees with B

ex The green light or the other two lights **are** on in turns.

My friends or I **am** going to water the flowers.

Choose the correct verb and rewrite each sentence.

- 1 A chocolate bar as well as cookies (is, are) found in the backpack.

→ _____

- 2 Dan or his friends (is, are) going to prepare for the presentation.

→ _____

- 3 Her parents or Karen (answer, answers) the door when the doorbell rings.

→ _____

- 4 My sister as well as I (hate, hates) to be treated as little babies.

→ _____

- 5 Wade or I (help, helps) Dad mow the lawn on Saturdays.

→ _____



CHAPTER | 07

Assumption

The assumption question asks what you would do in certain conditions. Use your imagination and logic to compose an essay that is creative *and* plausible at the same time.

Useful Expressions

If + subject + could ..., subject + would ...

*If I **could** buy my dream car, I **would** travel along the coast of southern France.*

*If **Michael could** keep any pet he wants, **he would** choose exotic animals like an iguana.*

If + subject + were + present participle ..., subject + would ...

*If I **were applying** for a research assistant position, I **would** have to cancel a couple of courses this semester.*

*If **Rachel were adding** two things to her kitchen, **she would** choose a new refrigerator and a dish washer.*

If it were ..., subject + would ...

*If it **were** my day off, I **would** pack my fishing gear, go to the pier and stay there until I feel like going home.*

*If it **were** an actual holiday, **my Buddy Day would** be celebrated by giving free tickets for amusement parks to people who are best friends.*

I Unscramble I

- 1 some vegetables, I would choose, if, lettuce and cucumbers, in the garden, I could grow

- 2 to go to the moon with, I were taking, my younger brother, if, one person, I would choose

in brief

***In brief**, I would do some volunteer work at a nursery given a chance to do so.*

***In brief**, Sam would go back to the time of Leonardo da Vinci to see his great inventions.*

the former ..., and the latter

*I have two classes in the morning; Chemistry and Art. **The former** starts at nine, **and the latter** at ten thirty.*

*Brian brought a pencil and a marker. **The former** is to write the answers, **and the latter** to highlight his mistakes.*

even more + adjective

*A rock concert is going to be held at my school. **Even more exciting**, my favorite singer is coming to perform.*

*Cactus plants do not have leaves like other plants. **Even more interesting**, they make their necessary nutrients in their stems.*

-
- 3 for lunch, some pizza and ice cream, the latter, I, for dessert, bought, and, the former is

-
- 4 songs, can play the piano, even more amazing, she can compose, the three-year-old girl
-

Warm Up

Imagine that you are preparing for a trip. You plan to be away from your home for a year. In addition to clothing and personal care items, you can take two additional things. What would you take and why? Use specific reasons and details to explain your choice.

Complete the outline by selecting proper brainstorming tips.

Thesis laptop computer, camera – would be my choice

Point 1 laptop computer – _____

Detail email, blog updates → _____

Point 2 camera – _____

Detail snapshots taken at exotic places → remind me of _____

Brainstorming Tips

- | | |
|---|--|
| <input type="checkbox"/> best way to carry things around | <input type="checkbox"/> let me be connected with my family, friends |
| <input type="checkbox"/> helps me capture memorable moments | <input type="checkbox"/> special events, people |
| <input type="checkbox"/> get discounts from travel agents for early reservation | <input type="checkbox"/> keep everyone informed, hear news from home |

Choose the general statement and the thesis for the question above.

general statement _____	thesis statement _____
① When we imagine preparing for a one-year journey away from home, there is a seemingly endless list of things to consider taking.	① If I were preparing supplies for a journey, I would first include things for entertainment.
② We must consider safety when we plan our journeys away from home for more than a year.	② If I could pack two special items, my laptop computer and camera would be at the top of the choice list.
③ When we travel, we have a wide variety of sights and activities to choose from.	③ If I could bring two necessary items, I would have to wrap them very carefully.

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction When we imagine _____

If I could _____
_____.

Body First of all, I would _____ because it will let me
be _____. Through
_____, I can _____ of
my travels and also _____.
My _____ would also be indispensable, as it _____
_____ of the journey. Whenever I look at the snapshots
taken at exotic places, they would _____
_____ there.

Write the *Conclusion* using the tips below.

Conclusion There are _____
on a full year journey. But, if I could pack two special items, _____
_____. The former is
to constantly _____, and
_____ to _____.

►► Paraphrasing Tips

There is a seemingly endless list of things to consider taking.

→ There are almost countless items I could imagine taking.

... would be at the top of the choice list → ... would be essential items

will let me be connected with... → to constantly correspond with...

... helps me capture memorable moments of the journey → ... to seize unforgettable moments of the journey

Build Up

If you could create a new holiday, what would it honor and how would you want people to celebrate it? Use specific reasons and details to support your answer.

Fill in the blanks to complete the outline.

- Thesis would start a “Health Day” to promote health awareness
- Point 1 community centers – would provide traveling “Health-mobile” buses
- Detail citizens – receive _____
- Point 2 _____ – would be open to everyone
- Detail volunteer fitness experts – give people tips on how to _____
- **idea bank** check-ups, advice / recreation areas / exercise, enjoyable

Complete the essay from the outline above.

Introduction Holidays honor diverse events, and they also serve a variety of purposes. If I could create a new holiday, I _____. The holiday would be an educational and fun tribute if it were celebrated as follows.

Body On Health Day, community centers would provide _____. All the citizens could _____ in those buses if they want. Offering those services would promote health education for people.

 In addition, _____ would be open to everyone. There would be _____ available to _____. It would induce people to become more interested in regular exercise.

Conclusion Holidays have many functions as they pay tribute to various things. If I could create a “Health Day”, it would be celebrated by offering _____ and by _____. _____.

Suppose you could create a new holiday, what would it honor and how would you want the day to be celebrated? Use specific reasons and details to support your answer.

Fill in the blanks with your own words.

Thesis would create a “Family Day” dedicated to the idea of family harmony
Point 1 promote family outings
Detail various places – offer free admission, stay open for extended hours
Point 2 _____
Detail _____

Write the essay using the completed outline above.

Introduction _____
 If I could create a new day to celebrate, _____
 _____.

Body My special day would try to _____ to fun places
 that every generation can enjoy. _____

 _____.

 Family Day would also _____
 _____.

 To keep with the spirit of the day, _____
 _____.

Conclusion Holidays are good opportunities for celebration. If I could make a new
 special day, _____

 _____.

Finish Up

If you could travel back in time to meet a famous person from history, what person would you like to meet? Use specific reasons and examples to support your choice.

Complete the outline.

Topic	would choose to meet William Shakespeare
Point 1	_____
Detail	_____
Point 2	_____
Detail	_____

When You Write

- Include a thesis statement and supporting points along with details.
- Use correct punctuation, capitalization and indentation.
- Make the best use of your thesaurus to use a wide variety of words and expressions.
- Be careful not to make spelling mistakes.
- Use helpful transition words so that your essay flows smoothly.

Write the essay based on the outline from the previous page.

There are many famous people from history whom I respect. If I could travel back in time and meet one famous historic figure, I would choose to meet William Shakespeare. There are two main reasons for my choice.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page.

Word Round-up

Write the meaning of each word in Korean.

exotic

adj. unusual and specially interesting because of coming from a distant country

Martha found some *exotic* plants growing in the greenhouse.

seemingly

adv. appearing to be something or having some quality

syn. apparently

The sea was *seemingly* calm, but the fisherman was concerned.

indispensable

adj. absolutely necessary

syn. essential

Minerals and vitamins are *indispensable* to our good health.

correspond

v. to communicate by exchanging written messages

Ron has *corresponded* with his cousins in Italy via email.

awareness

n. having knowledge of

There was a vague *awareness* of danger among the sailors.

volunteer

adj. willing to serve without being paid

Christina served a full year as a *volunteer* nurse.

induce

v. to persuade someone to do something

Nothing could *induce* the boy to eat spinach.

dedicated

adj. designed for one particular purpose

syn. devoted

The children will visit the botanic garden *dedicated* to ecology.

figure

n. a well-known or notable person

Dr. Doyle is a prominent *figure* in the field of physics.

pay tribute to

to show respect or admiration for someone or something

The mayor *paid tribute to* the citizens who bravely fought the fire.

Fill in each blank with an appropriate word from the box.

- 1 Emily Bronte was an important _____ that influenced many female writers.
- 2 The students launched a campaign to increase environmental _____.
- 3 Many people gathered to _____ the soldiers who had bravely fought in the war.
- 4 I tried to _____ with Peter through instant messenger but failed.
- 5 Some _____ fruits, such as papayas and coconuts, are needed for the salad.
- 6 Jane continued to do her _____ work at the American Red Cross.

correspond
exotic

pay tribute to
awareness

figure
volunteer

Choose the correct word that has the same meaning as the underlined part.

- 1 Steve is the man who is essential to our newly assigned task.
a. trivial b. chaotic c. disastrous d. indispensable
- 2 Advertisements often persuade people to buy what they do not really need.
a. execute b. induce c. aspire d. complicate
- 3 Lynn worked for an organization devoted to protecting endangered species.
a. dedicated b. postponed c. neutralized d. dissolved
- 4 I was surprised to see the apparently endless line of cars on the highway.
a. incidentally b. belatedly c. seemingly d. profoundly

FREQUENT MISTAKES _ Pronoun-Antecedent Agreement

A pronoun must agree with its antecedent, which is the noun that it refers to in a sentence. Therefore, both the pronoun and its antecedent should be the same in number.

ex Each of the students will take turns presenting what they wanted to be.

→ Each of the students will take turns presenting what **he or she** wanted to be.

Martha and I are best friends, so she always do things together.

→ **Martha and I** are best friends, so **we** always do things together.

Every dog, cat and donkey has been spared their life.

→ **Every** dog, cat, and donkey has been spared **its** life.

Many a man wishes they could earn a fortune.

→ **Many a man** wishes **he** could earn a fortune.

Fill in the blank with the correct pronoun for each antecedent.

- 1 Each member of the company knew what _____ was supposed to do.
- 2 Many a little girl answered that _____ wanted to take the role of a fairy in the play.
- 3 My brother and I must have locked the door when _____ left the room.
- 4 Every man and boy in the yacht did _____ best to win the race.
- 5 Dennis and his friends had found _____ seats before the movie started.



TOEFL® iBT ACTIVATOR Writing



PROGRESS TEST 2

Read the question below, complete the outline and write an essay.

Some people prefer to plan activities for their free time very carefully. Others choose not to make any plans at all for their free time. Which do you prefer? Use specific reasons and details to support your answer.

Outline

Thesis	_____
Reason 1	_____
Detail	_____
Reason 2	_____
Detail	_____

Read the question below, complete the outline and write an essay.

Do you agree or disagree with the following statement?

The family is the most important influence on teenagers. Use specific reasons and examples to support your opinion.

Outline

Thesis _____

Reason 1 _____

Detail _____

Reason 2 _____

Detail _____





TOEFL® iBT ACTIVATOR Writing



ACTUAL TEST

Task 1

Writing Based on Reading and Listening

Directions

For this task, you will have **3 minutes** to read a passage about an academic topic. You may take notes on the passage if you wish. The passage will then be removed and you will listen to a lecture about the same topic. While you listen, you may also take notes.

Next, you will have **20 minutes** to write a response to a question that asks you about the relationship between the lecture you heard and the reading passage. Try to answer the question as completely as possible using information from the reading passage and the lecture. The question does not ask you to express your personal opinion. Typically, an effective response will be 150 to 225 words.

Your response will be judged on the quality of your writing and on the completeness and accuracy of the content.

Question 1 of 2

Free Internet file sharing networks, which enable downloading of music and other entertaining things, have been proven to be a great way of getting entertainment. Thanks to these applications, millions of people can explore new music and share their favorite songs.

File sharing networks can stimulate CD sales by giving musicians, especially lesser known musicians, exposure to millions of Internet users. Music consumers are allowed a chance to "try out" any new songs online, and this often leads them to buy CDs. For years, the song sharing service Napster has been praised for its ability to promote a band's new material.

Use of file sharing networks has, in fact, been judged legal on the basis of an earlier Supreme Court case. Lately two U.S. high courts used the Supreme Court's "Betamax" decision, which ruled that videotaping TV shows was legal, to determine that file sharers are using Internet technology lawfully in the same way as the older generation of videotape users.

Finally, today's free music sharing sites are generally safe to use. Many are scanned and tested on a daily basis to receive "Hacker Safe" certification. They also have virus filters that block possibly damaging files.

Question 1 of 2

 T14

Now get ready to answer
the question.

You may use your notes
to help you answer.

Question 1 of 2

Directions: You have 20 minutes to plan and write your response. Your response will be judged on the basis of the quality of your writing and on how well your response presents the points in the lecture and their relationship to the reading.

Question: Summarize the points made in the lecture you just heard, explaining how they cast doubt on the points made in the reading.

Task 2

Writing Based on Knowledge and Experience

Directions

For this task, you will write an essay in response to a question that asks you to state, explain, and support your opinion on an issue. You will have 30 minutes to write your essay.

Typically, an effective essay will contain a minimum of 300 words. Your essay will be judged on the quality of your writing. This includes the development of your ideas, the organization of your essay, and the quality and accuracy of the language you use to express your ideas.

Question 2 of 2

Directions: Read the question below. You have 30 minutes to plan, write and revise your essay. Typically, an effective response will contain a minimum of 300 words.

Question:

When people need to complain about a product or poor service, some prefer to complain in writing and others prefer to complain in person.

Which way do you prefer? Use specific reasons and examples to explain your answer.



Appendix

→ Rubrics | Answer Key | Audio Scripts

Rubrics

Integrated Task: Question 1

Score	Description
5	<ul style="list-style-type: none">✓ includes all of the core information from the lecture and clearly shows how it relates to the essential information in the reading✓ shows logic in clear organization✓ uses sophisticated vocabulary and sentence structure✓ adheres to writing conventions
4	<ul style="list-style-type: none">✓ is generally good in selecting the important information from the lecture and relating it to the relevant information in the reading✓ may contain trivial problems with vocabulary, grammar or mechanics✓ shows occasional lapse of clarity when combining ideas
3	<ul style="list-style-type: none">✓ does not show the relationship between the main points in the lecture and those in the reading accurately or completely✓ omits one of the main points in the response✓ is difficult to understand what the writer intends to say due to language mistakes
2	<ul style="list-style-type: none">✓ intends to include some relevant information from the reading and the lecture but language difficulties, significant omission or inaccuracy of essential ideas are noticeable✓ significantly misunderstands or neglects important points mentioned in the lecture or their relationship to the points in the reading✓ contains language errors that can obscure connections or meaning, thus obscuring a reader's understanding of key ideas

Scored Essay Samples

Question 1: Summarize the points made in the lecture you just heard, explaining how they cast doubt on the points made in the reading.

Score 5

The lecture argues that free file sharing networks can cause a lot of harm, casting doubt on the reading's claim that they are an excellent means of finding entertainment.

First, the professor says the networks cost musicians millions of dollars in lost CD sales. She cited the band Radiohead that came out against online networks for airing their CD prior to its retail debut. This runs against the reading's claim that the networks can stimulate CD sales by allowing music consumers a chance to try out any new songs online.

In addition, the professor says file sharing is not legal in case downloaded material is copyrighted, adding that the U.S. Supreme Court ruled against file swappers for sharing copyrighted songs. This refutes the reading's claim that use of file sharing networks has been judged legal based on an earlier Supreme Court case.

Lastly, the professor mentions that music file sharing can be dangerous as hackers and cyber criminals can uncover who you are by monitoring song requests. This questions the reading's claim that free music sharing sites are free of risk as they are scanned and tested daily and equipped with virus filters.

Score 4

The lecture says free file sharing networks can cause a lot of harms, while the reading says they are a great way for getting entertainment.

The professor first mentions that the networks take away millions of dollars in music sales. She mentions a case of the band Radiohead complaining about the networks playing its CD too soon. ^{On} In the other hand, the reading says file sharing can promote CDs and help sales.

Moreover, the professor says the U.S. Supreme Court ruled against trading copy ^{righted} songs. So it may not be legal. However, the reading says a file sharing network is a legal technology because of a Betamax videotaping case. The case allowed home videotaping.

Last of all, the professor talks about hackers and ^{viruses} viruses. She says hackers can find out users' identities through their song requests. In contrast, the reading says file sharing networks are safe to use and are scanned and tested daily.

Score 3

The lecture says we should be aware that file sharing networks cause a lot of harm. This is different from what the reading says.

The professor in the lecture says the networks hurt musicians ^{badly} badly. She mentioned the band Radiohead and problems they had with file sharing. But the reading says file sharing networks are good because ^{of} they let people try out new songs before ^{buying} buying the CDs.

Secondly, the professor says file sharing is breaking the law because of copyrighted material. ^{However, the} However, the reading says file-sharing networks ^{are} are legal because of a Supreme court case about videotaping TV shows.

Finally, the professor says there are dangerous hackers and cyber criminals. They can monitor your song requests and find you. ^{However, the reading says free music sites have "Hacker Safe" certificates and are tested.}

Score 2

The lecture says there are problems with free file sharing networks. ^{, but the reading says they are excellent entertainment}

The professor first talks ^{about} about CD sales. She says singers lose money because the music is shared online. ^H However, the reading says we can try out songs ^{online} at the stores and then we will buy CD. ^s

Next, the professor says the file sharing is not legal. It is because the material is ^{copyrighted} copyrighted. But the reading says file sharing is legal because ^{of} the "Betamax" ^{decision} decision.

Last, the professor says sharing files gives risks to computer users. There ^{are} are hackers and fatal viruses like the Trojan horse. But the reading says file sharing sites are safe. ^{because they have certificates and filters}

Independent Task: Question 2

Score	Description
5	<ul style="list-style-type: none"> ✓ clearly states an opinion by organizing ideas well ✓ is well developed by providing appropriate examples, reasons or details ✓ displays unity, progression and coherency throughout the essay ✓ shows language efficiency, sentence variety and proper word choice with only minor language mistakes
4	<ul style="list-style-type: none"> ✓ addresses the task well, but some points lack sufficient elaboration ✓ may show occasional redundancy, digression or vague connections ✓ presents a wide range of vocabulary and well organized sentence structures, but may contain noticeable minor language mistakes
3	<ul style="list-style-type: none"> ✓ displays unity and coherence, but shows obscurity in connecting ideas ✓ is not consistent in sentence formation and word choice which may lead to obscure meaning from time to time ✓ may demonstrate correct but limited range of sentence structures and vocabulary
2	<ul style="list-style-type: none"> ✓ shows limited development in addressing the task with inappropriate or insufficient examples, explanations or details ✓ displays inadequate facility in organizing or connecting ideas ✓ contains an accumulation of synthetic or semantic errors

Scored Essay Samples

Question 2: When people need to complain about a product or poor service, some prefer to complain in writing and others prefer to complain in person. Which way do you prefer? Use specific reasons and examples to explain your answer.

Score 5

Buying is an inseparable part of our lives, and we sometimes happen to get goods or services that are not satisfactory. In those cases, some people complain in person, but I would rather write an email for the following reasons.

First of all, writing a complaint letter is convenient. Once I bought an MP3 player from a mall downtown, but it abruptly stopped working only after two days. Instead of taking it to the mall myself, I sent an email to the customer center, explaining the situation. After a week, a clerk came to my house with a new MP3 player and took the broken one back. From that experience, I learned that emailing a complaint letter can save me a lot of effort.

Furthermore, I can make a compact and logical complaint in writing. While writing, I can keep revising the complaint letter and put everything I have to say there. On the contrary, if I go to a shop to complain in person, I may not be able to keep cool because I have to deal with the matter directly on the spot.

To sum up, we happen to receive unsatisfactory goods or services from time to time. When that happens, I prefer to complain in a written form. It suits me better as it saves me lots of effort and also allows me to make a concise and logical complaint without losing my temper.

Score 4

Most people end up getting a few unsatisfactory items or services in their lives. It has happened to me too many times and I hate it. When that happens, some people prefer to write letters of complaint, while others prefer to complain in person. I prefer to complain in person for these reasons.

To begin with, I can speak ^{directly} ~~direct~~ to the clerk who sold me the item. Once I bought an MP3 player downtown. After only two days, I found that it stopped working. I returned it directly to

the proper sales clerk, and I got an exchange. So you can see the advantage of complaining in person.

In addition, complaining in person is more simpler and less stressful. When I write email letters, I have to think deeply about my message. It takes time to express things in writing. When I complain in person, however, I can make small talk while I think about the next thing to say. It is a more simpler way, I think.

In brief, most of us have dealt with poor goods or services on occasion. In those cases where I must complain, I prefer to do so in person. It allows me to speak to the appropriate person and to do it more easily.

Score 3

We all have bought poor quality goods or services at some point in our lives. Some people prefer to complain about ^{them} in writing, but I prefer to complain in person. *There are two main reasons for this.*

First, I can explain the problem more ^{clearly} when I complain in person. If I have an MP3 player with poor functioning, I can show it at the store. I cannot do this in writing.

^{Also.} I can get immediate results when I complain in person. The clerk will have to decide what ^{to do} ~~doing~~ before I leave the store. When I complain in writing, I may not get any response at all.

In short, we all buy ^{low} quality items from time to time. When I have to complain, I prefer to do it in person. It suits me better and I can get a good outcome.

Score 2

Everybody remembers buying ^{poor quality} items. Some people prefer to complain about them in person, but I prefer to complain in writing. Here are the reasons.

First, it is more ^{convenient} ~~convenience~~ to write a letter. Some stores are very far. I have to drive long distances to complaining ^{in person}, so a letter saves me time.

Besides that, I can think about the problem more ^{deeply} ~~deeper~~. I can write a clear and careful letter. I may forget to mention something when I complain in person. That is because of more stress.

So we can see that there are ways to complain. ^{about poor goods} Personally, I would rather complain about them in writing. It is more comfortable and it is more thoughtful.

Answer Key

PART I Integrated Writing

WRITING PROCESS

pp.16~19

Note-taking

Take notes while you read and listen.

Reading

Topic	<i>symbiosis</i> , close association
Point 1	benefit from the relationship
Detail	surviving, separated
Point 2	benefits, not affected
Detail	food, shelter
Point 3	<i>parasitism</i>
Detail	lifetime of one party

Lecture

Topic	symbiotic relationships
Point 1	mutually benefit
Detail	sugar from acacia, protection
Point 2	<i>commensalism</i> , neither harmed nor helped
Detail	grow quickly, weaker, sunlight

Outlining

Complete the outline combining the notes from the previous page.

Topic	R <i>symbiosis</i> – two <u>species live in close association</u> L <u>certain types of symbiotic relationships</u>
Point 1	R <i>mutualism</i> : <u>both organisms benefit from the relationship</u>
Support	L ex. certain ants – <u>get sugar from acacia</u> acacia – <u>gets protection</u> in return
Point 2	R <i>commensalism</i> : one <u>benefits</u> , the other is <u>not affected</u>
Support	L ex. remora – <u>attaches its fin to a shark, picks up scraps</u>

Point 3

R *parasitism*: one benefits, the other is harmed

Support

L ex. strangler fig growing on another tree – grow quickly
tree – gets weaker ← deprived of sunlight

Summarizing

Write the summary using the outline from the previous page.

Introduction

Both the reading and the lecture talk about some types of symbiosis in which two species live in close association.

Body 1

Above all, the professor explains *mutualism*, taking certain ants for an example. The ants get sugar from the acacia, which gets protection from the ants in return. This backs up the reading's claim that in *mutualism* both organisms benefit from the relationship.

Body 2

Furthermore, the professor describes *commensalism* with an example of the remora which attaches its fin to a shark and picks up scraps while the shark is feeding. This gives support to the reading's claim that one benefits while the other is not affected in commensalism.

Body 3

Lastly, the professor talks about the strangler fig to illustrate what *parasitism* is. She says it grows quickly thanks to the supporting tree whereas the tree itself gets weaker as it is deprived of sunlight. This lends some detailed support to the reading's claim about *parasitism* in which one benefits while the other is harmed.

CHAPTER_01 Challenge

Useful Expressions

pp.22~23

Choose an expression above and combine the two notes.

1. refuting the reading's general claim that herbs are capable of curing disease
2. casts doubt on the claim presented in the reading that team sports are good as the members help each other
3. questions the negative effects of space exploration mentioned in the reading
4. confronts the reading's claim that an only child has strong self-confidence due to lots of support from his or her parents

Warm Up

pp.24~27

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	benefits
Point 1	sources for calcium
Detail	strong bones
Point 2	protein, growth
Detail	brain, body tissue
Point 3	lower, obesity
Detail	stores energy, fat cells

Lecture

Topic	negative side effects
Point 1	calcium loss
Detail	digesting, out of the bones
Point 2	common cause of food allergies
Detail	immune system, protein
Detail	servings, weight

Answer the questions based on the notes from the previous page.

1. benefits of milk intake
negative side effects of milk intake
2. questions the benefits of milk intake

Outlining

Complete the outline combining the two notes from the previous page.

Topic	R benefits of milk intake L <u>negative side effects of milk intake</u>
Point 1	R one of the <u>best sources for calcium</u>
Challenge	L <u>cause calcium loss</u> ← draws calcium out of <u>the bones</u> if we have <u>difficulty</u> digesting milk
Point 2	R has <u>abundant protein</u> – an essential <u>nutrient for growth</u> , repair
Challenge	L a common cause of <u>food allergies</u> ← immune system reacts <u>against the protein</u> in milk
Point 3	R can lower people's risk of <u>obesity</u> ← affect the way our body <u>stores energy in its fat cells</u>
Challenge	L fattening – more than <u>3 servings</u> of milk/day → <u>gained weight</u>

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction The lecture points out some negative side effects of milk intake, which questions the benefits of milk claimed in the reading.

Body 1 Above all, the professor says milk consumption may result in calcium loss as it draws calcium out of the bones if

we have difficulty digesting milk. It confronts the reading's claim that milk is an excellent source for calcium that contributes to formation of strong bones.

Body 2

Next, the professor points out that milk protein commonly triggers food allergies when our immune system reacts against the protein in milk. It refutes the reading's idea that milk intake is beneficial because it has abundant protein essential for growth and repair.

Body 3

Finally, the professor claims milk is fattening based on recent studies where more than three servings of milk per day led to weight gain for children. It runs against the reading's claim that milk intake can lower people's risk of becoming obese by affecting the way our body stores energy in its fat cells.

Structure Modifying

Bill's meticulous nature would amplify his chance of becoming successful in the field.

Build Up

pp.28~31

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	valuable research tools
Point 1	dependable new information, update instantly
Detail	outdated, research into fast-changing fields
Point 2	balanced articles
Detail	contributors, chance for bias
Point 3	convenient
Detail	links, searches

Lecture

Topic	cyber encyclopedias
Point 1	reliable
Detail	errors, complex, correct
Point 2	can be biased
Detail	younger generation, pop culture topics
Point 3	too basic for academic research
Detail	depth, detail, substitute

Outlining

Complete the outline combining the two notes from the previous page.

Topic	R cyber encyclopedias – <u>valuable research tools</u> L <u>negative points of cyber encyclopedias</u>
Point 1	R contain <u>dependable new information</u> ← contributors – <u>update instantly</u>
Challenge	L not <u>reliable</u> – <u>anyone can update</u>
Point 2	R offer <u>fair, balanced articles</u> ← contributors <u>from all age, social groups</u>
Challenge	L articles can <u>be biased</u> ← contributors from younger generation <u>prefer pop culture topics</u>
Point 3	R convenient to use – <u>eliminates long searches</u> through library books
Challenge	L too basic for <u>academic research</u> – lack depth, detail → <u>no substitute for library research</u>

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The lecture presents the negative points of cyber encyclopedias, refuting the reading's general claim that these online resources are valuable research tools.

First, the professor talks about the unreliability of cyber encyclopedias, saying that anyone can update their articles. This confronts the reading's claim that cyber encyclopedias offer dependable new information, which can be updated instantly.

Besides that, the professor challenges the reading's claim that cyber encyclopedias provide unbiased articles from a diverse contributor network. She asserts that cyber articles can be biased since the younger generation contributors usually favor pop culture topics.

Finally, the professor says cyber encyclopedias are too basic for academic research. It is no substitute for library research due to its insufficient depth and detail. This casts doubt on the reading, which says that the cyber encyclopedias' ease of use takes away the need to search through a library.

Finish Up

pp.32~33

Complete the outline.

- | | |
|-----------|---|
| Topic | R stem cells – ability <u>to assist in curing disease</u> |
| | L <u>arguments against medical uses of stem cells</u> |
| Point 1 | R <u>stem cells – replace cells lost to disease, become revolutionary treatment</u> |
| Challenge | L <u>may not work medically – a U.S. study: about 20% of mice treated with stem cells died</u> |
| Point 2 | R <u>stem cells – easy to obtain from embryos</u> |
| Challenge | L <u>ethical problems – necessary to grow and destroy human embryos to obtain stem cells</u> |
| Point 3 | R <u>could save billions of dollars in drug costs</u> |
| Challenge | L <u>stem cell therapy – more expensive than ordinary drug treatment → majority of citizens not be able to benefit</u> |

Summarize the points made in the lecture you just heard, explaining how they challenge the points made in the reading.

The lecture gives some arguments against medical uses of stem cells, while the reading discusses their capability to help heal disease.

Although the reading says stem cells may become a revolutionary treatment, the professor points out that the cells may be of no medical use, citing a U.S. study in which 20% of the mice treated with stem cells died.

The professor also confronts the idea in the reading that stem cells are easy to obtain from embryos, asserting that there are ethical problems with the necessity of growing and destroying human embryos to obtain stem cells.

Lastly, the professor casts doubt on the idea presented in the reading that stem cells could reduce drug costs by billions of dollars. According to him, stem cell treatment could be more costly than ordinary drug treatment, so it might rob most citizens of benefits from stem cell therapy.

Word Round-up

pp.34~35

Fill in each blank with an appropriate word from the box.

- | | | |
|---------------|----------------|-------------|
| 1. neutralize | 2. facilitated | 3. deprived |
| 4. eliminate | 5. mutually | 6. embryos |

Choose the correct word that has the same meaning as the underlined part.

1. a 2. d 3. b 4. c

Correct sentence fragments below by adding the missing elements. Use correct capitalization and end punctuation in your new sentences.

1. The new chairs in the classroom are comfortable enough to sit on for hours.
2. I want to travel around the world if I have enough time and money.
3. Martha and Sue were frightened when they heard the thunder in the middle of the night.
4. Robert was moved when his friends threw him a surprise birthday party.
5. Some people believe that taking the subway is rather convenient.

(Answers may vary.)

CHAPTER_02 Support

Useful Expressions

pp.38~39

Choose an expression above and combine the two notes.

1. support the reasons given in the reading for why online shopping is so popular
2. bolsters the reading's claim that fast food can severely damage our health
3. gives credence to the reading's idea that whales communicate through songs
4. lends some detailed support to the reading's claim that colors may influence how people feel by sending special waves

Warm Up

pp.40~43

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	"thumb generation"
Point 1	stronger, fingers
Detail	thumbs, cellphone or computer game keypads
Point 2	game technology, daily lives
Detail	devices all day long
Point 3	Japan
Detail	youngsters, with their thumbs

Lecture

Topic	features
Point 1	quick, powerful thumbs
Detail	cellphones, text messages, videos
Point 2	game devices, social lives
Detail	"multiplayer" online games, social
Point 3	Japan

Answer the questions based on the notes from the previous page.

1. the "thumb generation"
features of the "thumb generation"
2. gives support to the main idea

Outlining

Complete the outline combining the two notes from the previous page.

Topic	R what the "thumb generation" is L <u>distinctive features of the "thumb generation"</u>
Point 1	R members' thumbs – <u>stronger, more dexterous than their fingers</u>
Support	L <u>developed quick, powerful thumbs from playing computer games, using cellphone keypads</u>
Point 2	R mobile game technology – <u>a central part of their daily lives</u>
Support	L <u>activities involving game devices – a key to "thumb generation" members' social lives</u>
Point 3	R most <u>visible in Japan</u>
Support	L "thumb generation" culture – especially <u>strong in Japan</u> – TV stations <u>have hosted thumb speed contests</u>

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction	Both the reading and the lecture talk about some aspects of the " <u>thumb generation</u> ", a new generation of people famous for <u>using their thumbs</u> to operate mobile technology.
--------------	--

Body 1

First, the professor says "thumb generation" members developed quick and powerful thumbs from playing computer games and using cellphone keypads. This gives support to the reading's claim that "thumb generation" members' thumbs are stronger and more dexterous than their fingers.

Body 2

In addition, the professor states that activities involving game devices are a key to "thumb generation" members' social lives. This backs up the reading's claim that mobile game technology is a central part of their daily lives.

Body 3

Lastly, the professor points out that "thumb generation" culture is strong in Japan, where thumb speed contests have been hosted by TV stations. This lends some detailed support to the reading's claim that this young group is most visible in Japan.

Structure Modifying

Queen Elizabeth has visited more than 120 countries, where she has been warmly welcomed (by people).

Build Up

pp.44~47

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	sound beam technology
Point 1	accidental discovery, ultrasonic waves
Detail	audible sound
Point 2	transmitted, laser-like sound beam
Detail	low-pitched
Point 3	small target area
Detail	explanations

Lecture

Topic	sound beams
Point 1	accidental discovery about sound
Detail	loud notes, third note
Point 2	travel farther, carry the original sound better
Detail	spread out, weaken quickly in the air
Point 3	sound beams, target zone
Detail	audio advertisement, in front of certain goods

Outlining

Complete the outline by combining the two notes from the previous page.

Topic	<p>R scientific <u>facts behind sound beam technology</u></p> <p>L how <u>sound beams work</u></p>
Point 1	<p>R an <u>accidental discovery</u> by Elwood Norris</p> <p>— <u>experimenting with ultrasonic waves</u></p>
Support	<p>L Herman von Helmholtz — a <u>similar accidental discovery about sound</u></p> <p>: two loud notes played on an organ</p> <p>→ <u>a third note is produced</u></p>
Point 2	<p>R ultrasonic waves — can be <u>transmitted in the form of a laser-like sound beam</u></p>
Support	<p>L ultrasonic waves — <u>travel farther, carry the original sound better</u></p> <p>: low-pitched sound waves — <u>spread out, weaken quickly in the air</u></p>
Point 3	<p>R laser-like beams — <u>only people in a small target area</u> can hear the sound</p>
Support	<p>L sound beams — <u>aimed like a light laser</u> → <u>only a person in the exact target zone</u> hears the sound</p> <p>ex. an audio <u>advertisement</u></p>

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The lecture gives scientific explanations for how sound beams work to back up the reading's discussion of the scientific facts behind sound beam technology.

First, the professor bolsters the reading's idea that the technology was a chance discovery by Elwood Norris. According to the professor, Herman von Helmholtz made a similar accidental discovery about sound. This German physicist found out that playing two loud notes on an organ creates a third note as well.

Besides that, the professor gives credence to the reading's idea that ultrasonic waves may be carried in the form of a focused sound beam, which is a unique ability. He says ultrasonic waves travel farther and carry the original sound better, while low-pitched sound waves dissipate and weaken quickly in the air.

Finally, the professor explains that the sound beams are aimed like a light laser, so only a person in the exact target zone hears the sound as with an audio advertisement. This gives support to the reading's idea that the sound is only audible in a small target area because laser-like beams do not spread out.

Finish Up

pp.48~49

Complete the outline.

- | | |
|---------|---|
| Topic | <ul style="list-style-type: none">R <u>what kinds of workplaces underage workers are employed in</u>L <u>major reasons why child workers are used</u> |
| Point 1 | R <u>about 70% of the world's child laborers — work in the agricultural sector</u> |
| Support | L <u>child labor — most often seen in farming areas</u> ← <u>to help large families survive</u> |
| Point 2 | R <u>employed in factories — difficult, repetitive work</u>
<u>ex. sewing, dyeing clothing</u> |

- | | |
|---------|---|
| Support | L <u>factories that manufacture textiles, sporting goods — employ child workers</u> ← <u>fingers small, skillful enough for hard, precise tasks</u> |
| Point 3 | R <u>often work in tourist areas as waiters, guides or vendors</u> |
| Support | L <u>in tourist areas — bring customers to families' restaurants or souvenir shops</u> ← <u>seem more approachable than adults</u> |

Summarize the points made in the lecture you just heard, explaining how they support the points made in the reading.

The lecture talks about major reasons why child workers are used to give support to the reading's discussion of what kinds of workplaces underage workers are employed in.

First, the professor says child labor is most often seen in farming areas, where children work to help large families sustain themselves. This bolsters the reading's claim that about 70% of the world's child laborers are engaged in agricultural work.

The second thing the professor points out is that child workers are hired by manufacturers of textiles and sporting goods because their fingers are sufficiently small and nimble for hard, precise tasks. This backs up the reading's claim that children are employed in factories, doing difficult and repetitive work such as sewing and dyeing clothing.

Lastly, the professor says children in tourist areas bring customers to their families' restaurants or souvenir shops because they seem more approachable than adults. It gives support to the reading's claim that children often work in tourism districts as waiters, guides or vendors.

Word Round-up

pp.50~51

Fill in each blank with an appropriate word from the box.

- | | | |
|---------------|--------------|-----------------|
| 1. commercial | 2. vendors | 3. agricultural |
| 4. audible | 5. dexterous | 6. ultrasonic |

Choose the correct word that has the same meaning as the underlined part.

1. b 2. c 3. d 4. a

FREQUENT MISTAKES

p.52

Correct sentence fragments below by adding independent clauses or explanatory phrases. Use correct capitalization and end punctuation in your new sentences.

1. Henry traveled around several European countries such as England, France and Spain.
2. I will buy you the jigsaw puzzle which you have wanted to get for weeks.
3. When it saw Matthew, the puppy wagged its tail with excitement.
4. Samantha tries to improve her English because she wants to go abroad to study physics.
5. The audience was impressed, listening to the tenor singing the aria.

CHAPTER_03 Problem & Solution

Useful Expressions

pp.54~55

Choose an expression above and combine the two notes.

1. suggests that we do things that can relax us, listening to classical music
2. proposes, speeds up the aging of our skin, always preparing certain things such as sunscreen lotion and a cap
3. harmful side effects of petroleum fuels, advises that, develop ways to use other clean energy resources like windmills
4. the problem of overfishing whales in the Arctic seas, addressed, regulations to ban whale fishing in the area

Warm Up

pp.56~59

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	roadkill
Point 1	road development, human convenience
Detail	risky crossing, fragmented
Point 2	passages, wrong locations
Detail	rarely use them
Point 3	most active
Detail	headlights, freeze, flee, victims

Lecture

Topic	solve the roadkill problem
Point 1	ecology, constructing new roads
Detail	examined, impact
Point 2	ecobridges
Detail	fences

Point 3	careful, nocturnal animals
Detail	potential accidents

Answer the questions based on the notes from the previous page.

1. the main causes of roadkill
some ways to solve the roadkill problem
2. suggests, roadkill

Outlining

Complete the outline combining the two notes from the previous page.

Topic	<p>R <u>main causes of roadkill</u></p> <p>L <u>some ways to solve the roadkill problem</u></p>
Problem 1	<p>R <u>thoughtless road development for human convenience</u></p>
Solution	<p>L <u>wildlife ecology – should be taken into consideration before constructing new roads</u></p> <p>ex. Australia: road construction projects – <u>examined</u> → <u>minimize the impact on native fauna</u></p>
Problem 2	<p>R <u>wildlife passages – installed at wrong locations</u></p>
Solution	<p>L <u>building more well-located ecobridges</u></p> <p>ex. constructing guide fences – lead animals toward ecobridges</p>
Problem 3	<p>R <u>many wild animals – most active at night, dazzled by vehicle headlights</u> → become <u>victims</u></p>
Support	<p>L <u>drivers – should be careful around the roads that nocturnal animals frequent</u></p> <p>ex. traffic signs → slow down</p>

Summarizing

Complete the summary using the answers and outline from the previous page.

Introduction	The reading talks about <u>the main causes of roadkill</u> , and the lecture suggests <u>some ways to solve the roadkill problem</u> .
Body 1	First, the reading mentions <u>thoughtless road development for human convenience</u> as the primary reason for roadkill. As a solution, the professor suggests that <u>wildlife should be taken into consideration before road construction</u> like in Australia, where road construction projects <u>are examined to minimize the impact on native fauna</u> .
Body 2	Furthermore, the reading takes <u>wildlife passages</u> installed at wrong locations as another cause for roadkill. To address this problem, the professor proposes <u>building more well-located ecobridges with guide fences</u> , which lead <u>animals toward ecobridges</u> for their safety.
Body 3	Lastly, the reading says it is at night that <u>many wild animals are most active</u> and some species become victims when <u>dazzled by vehicle headlights</u> . The professor advises that <u>drivers should be more careful around the roads that nocturnal animals frequent</u> .

Structure Modifying

It is at this time of the year that the cherry blossoms look so beautiful.

Build Up

pp.60~63

Note-taking

Fill in the blanks while you read and listen.

Reading

Topic	antibiotics
Point 1	food
Detail	antibiotic doses, eat meat, vegetables, bacteria
Point 2	medical overuse of antibiotics, antibiotic-resistant
Point 3	unhealthy side effects, instructions
Detail	"good" bacteria

Lecture

Topic	prevent the problems
Point 1	avoid, food, organic meat or vegetables
Detail	the labels, some vegetables at home
Point 2	medical overuse, getting more specific tests
Detail	sore throat, viral, no antibiotics
Point 3	educate, how much harm
Detail	dangerous

Outlining

Complete the outline combining the two notes from the previous page.

Topic	R <u>why antibiotics have stopped working</u>
	L <u>ways to prevent the problems caused by antibiotics</u>
Problem 1	R <u>affected by antibiotics in food:</u> receive tiny antibiotic doses whenever <u>we eat meat, vegetables</u> → our body's bacteria – <u>used to fighting antibiotics</u>
Solution	L <u>avoid getting antibiotics from food by consuming organic meat or vegetables</u> ex. check the <u>labels on the package</u> , grow <u>some vegetables at home</u>
Problem 2	R <u>medical overuse of antibiotics</u> → created <u>antibiotic-resistant "supergerms"</u>
Solution	L <u>avoid medical overuse of antibiotics by getting more specific tests</u> ex. a <u>sore throat</u> – if a <u>viral</u> infection → <u>no antibiotics are needed</u>

- Problem 3 **R** experience unhealthy side effects
 ← ignore doctors' instructions
- Solution **L** educate people about how much
 harm antibiotics cause when mis-
 used
 ex. patients – should be advised

Summarizing

Write an essay based on the outline from the previous page using the tips below.

The reading discusses why antibiotics have become ineffective, and the lecture presents ways to avoid the complications caused by antibiotics.

According to the reading, we are affected by antibiotics in food. It explains that we get tiny antibiotic doses from meat and vegetables, and that our body's bacteria build up defenses against antibiotics. The professor proposes a solution to this problem, explaining that we can avoid getting antibiotics from food by consuming organic meat or vegetables. She suggests that we check the labels on the package or grow some vegetables at home.

The reading also says medical overuse of antibiotics has created antibiotic-resistant "supergerms". To prevent it, the professor recommends that we get more specific tests. According to her, no antibiotics are needed in case of a viral infection.

Finally, the reading mentions that people get adverse side effects from antibiotics, not following their doctors' directions. The professor suggests that we educate people about the damaging effects of antibiotic misuse, which can be an appropriate solution to it.

Finish Up

pp.64~65

Complete the outline.

- Topic **R** symptoms of ADHD
 L treatment of ADHD
- Problem 1 **R** inattentive behavior – appear to be
 bored or daydreaming in class
- Solution **L** prescription medication

ex. Ritalin – raises dopamine levels
 → can make children more
 focused

- Problem 2 **R** hyperactive behavior – hard to sit still
 in class

Solution **L** teachers' help
 ex. children – become a "teacher's
 assistant"

- Problem 3 **R** impulsive behavior – include reck-
 less actions

Solution **L** behavior therapy – rewarding quiet,
 productive behavior, punishing
 reckless actions
 ex. behaves well → reward stickers

Summarize the points made in the lecture you just heard, explaining how they suggest solutions to the problems mentioned in the reading.

The reading is about the symptoms of Attention Deficit Hyperactivity Disorders (ADHD), a common childhood behavior disorder. The lecture, on the other hand, discusses the treatment of ADHD.

First, the reading mentions inattentive behavior of schoolchildren with ADHD who appear to be bored or daydreaming in class. As a solution, the professor mentions prescription medication such as Ritalin, which raises dopamine levels and can help children concentrate.

The reading also discusses hyperactive behavior, where children may squirm around in their seats in class. According to the professor, teachers can help by letting children become a "teacher's assistant".

Finally, the reading describes impulsive behavior, in which children seems to be "out of control" and do reckless actions. According to the professor, this problem can be addressed by behavior therapy, which involves rewarding quiet, productive behavior and punishing reckless actions. For example, a child can be complimented with reward stickers if he or she behaves well.

Word Round-up

pp.66~67

Fill in each blank with an appropriate word from the box.

1. fauna 2. impulsive 3. inappropriate
4. nocturnal 5. symptoms 6. resistant

Choose the correct word that has the same meaning as the underlined part.

1. a 2. b 3. d 4. c

FREQUENT MISTAKES

p.68

Revise each sentence to have parallel structure.

1. Her new dress is elegant, beautiful but expensive.
2. Jamie loves playing soccer, doing homework and going fishing with Mike.
3. Samantha played the cello enthusiastically and easily.
4. It either snows or hails during the night in the mountains.
5. Jessie requested that we buy some groceries and that we prepare dinner.

PROGRESS TEST 1

pp.70~71

Complete the outline.

- Topic **R** GM technology – great promise in meeting our planet's various needs
- L** harmful effects of GM foods
- Point 1 **R** a boon for health
- L** ← scientists: remove genes that cause food allergies
- Challenge **L** could put humans at risk for deadly food allergies
- L** ex. Brazil nut genes in GM soybeans
- Point 2 **R** helps the environment
- L** ← reduces use of damaging chemicals in agriculture

- Challenge **L** may harm the environment ← killing helpful insects
- L** ex. Monarch butterflies – died because of BT bacteria inserted into GM crops
- Point 3 **R** help us meet food needs – increase agricultural efficiency, output
- Challenge **L** could give a few huge companies a monopoly on global food production

Summarize the points made in the lecture you just heard, explaining how they challenge the points in the reading.

Sample Answer

The lecture talks about some harmful effects of genetically modified (GM) foods, while the reading argues that GM technology has strong potential to meet the planet's needs.

According to the professor, GM foods present the danger of exposing humans to lethal food allergies. She then cites the example of Brazil nut genes in GM soybeans. This runs against the reading's claim that GM technology is a boon for health because scientists can remove genes that cause food allergies.

In addition, the professor states that growing GM foods may be environmentally damaging because they destroy beneficial insects. As an example, she mentions a study in which Monarch butterflies died because of BT bacteria inserted into GM crops. This weakens the reading's claim that GM technology helps the environment because it reduces the use of damaging chemicals in agriculture.

Finally, the professor says GM foods could give a few huge companies a dangerous monopoly on global food production and their policies could affect the world's food supply. This weakens the reading's claim that GM technology could meet the food requirements of an expanding world population.

Complete the outline.

- | | |
|---------|---|
| Topic | <p>R <u>what adaptations help animals stay safe from their enemies</u></p> <p>L <u>different adaptations that protect some animals against their enemies</u></p> |
| Point 1 | <p>R <u>the most common technique for protection – to match the background of one's surroundings</u></p> |
| Support | <p>L <u>"blending in"</u>
 <u>ex. cuttlefish – perceive the color of a backdrop & alter the color, pattern on their skin accordingly by choosing the right combination of chromatophores</u></p> |
| Point 2 | <p>R <u>take advantage of distinctive designs on the bodies that may serve as visual disruptions</u></p> |
| Support | <p>L <u>"blurring" – spots, stripes or patches that serve to confuse their predators</u>
 <u>ex. a herd of zebras – their vertical black and white lines → hard for a predator to attack on a specific zebra</u></p> |
| Point 3 | <p>R <u>scare their predators off by disguising themselves as something dangerous</u></p> |
| Support | <p>L <u>"copycatting"</u>
 <u>ex. the back of a hawk moth caterpillar – looks like the head of a snake → can frighten away most predators</u></p> |

Summarize the points made in the lecture you just heard, explaining how they elucidate the points in the reading.

Sample Answer

Both the reading and the lecture talk about what adaptations help animals stay safe from their enemies.

The professor says the most frequently used tactic for protection is "blending in", taking cuttlefish for an example. By choosing the right combination of chromatophores, cuttlefish adjust the color and pattern on their skin in accordance with the backdrop color. This backs up the reading's claim that to match the background of one's surroundings is the most common technique for keeping from harm or danger.

In addition, the professor talks about "blurring" in which certain patterns of animals serve to confuse their predators. According to him, when zebras stand in a herd, their black and white stripes make it hard for a predator to attack on a specific zebra. This lends some detailed support to the reading's claim that animals take advantage of distinctive designs on the bodies that may disrupt others' vision.

The last tactic that the professor mentions is "copycatting." For example, the back of a hawk moth caterpillar resembles the head of a snake, which can frighten away most predators. This gives support to the claim in the reading that certain animals scare their predators off by disguising themselves as something dangerous.

PART II Integrated Writing

WRITING PROCESS

pp.78~79

Outline

Thesis	disagree – parents = the best teachers
Reason 1	tend to be <u>biased toward their children</u>
Detail	<u>hard to be objective</u> when they evaluate their kids
Reason 2	not equipped with <u>systematic knowledge</u>
Detail	do not know <u>how to teach</u> efficiently

Essay

Introduction

People have different criteria as for excellent teachers, and some believe that parents are the best teachers. But when it comes to teaching knowledge, I do not agree with them for the following reasons.

Body

First, parents tend to be biased toward their children. It is often hard for parents to be objective when they evaluate their kids due to their affection for the kids.

Second, parents are usually not equipped with systematic knowledge to teach their children. They may possess a certain amount of knowledge, but most of them do not know how to teach it to their children efficiently.

Conclusion

To sum up, parents may be the first and most affectionate teachers for their children. However, I do not believe that parents are the best teachers due to their bias toward their children and lack of systematic knowledge to teach.

CHAPTER_04 Preference

Useful Expressions

pp.82~83

Unscramble

1. Dan prefers baked potatoes to mashed ones.
2. I would rather buy the book than borrow it at the library.
3. Michelle has a preference for English roses rather than Japanese ones.
4. It was preferable for Tom to take the subway instead of the bus.

Warm Up

pp.84~85

Complete the outline by selecting proper brainstorming tips.

Thesis	have a preference for living in an off-campus apartment
Reason 1	can be <u>more economical</u>
Detail	<u>many dormitories – require meal plan</u> → expensive apartment – can cook our own food → cheap, convenient
Reason 2	can offer <u>more freedom</u>
Detail	<u>dormitories – restrictions</u> on how we decorate, what time we return

Choose the general statement and the thesis for the question above.

- general statement ③
thesis statement ②

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction

University students usually have options regarding their living arrangements. While individual choices can vary, I personally have a preference for living in an off-campus apartment rather than an on-campus dormitory.

Body

For one thing, living in apartments can be more economical than living in dormitories. Many university dormitories require students to sign up for a meal plan and this can be expensive. Living in an apartment allows us to cook our own food, which is both cheap and convenient.

In addition, apartments can offer students more freedom. Dormitories often have restrictions on how we decorate our room and even on what time we must return each evening. Apartment living is therefore a better choice for someone who wants a more independent lifestyle.

Write the *Conclusion* using the tips below.

Conclusion

To sum up, university students usually have choices concerning where to live. I myself prefer an off-campus apartment to an on-campus dormitory as it costs less. Besides that, I can live more independently in an apartment.

Option 1

Complete the outline using the idea bank.

Thesis	prefer to try new things and take risks
Reason 1	easily become <u>bored</u> & stuck in a routine ← do only what I do well
Detail	<u>new endeavors</u> ex. acting in a school play → sense of excitement, accomplishment
Reason 2	allows me to <u>identify skills</u> I otherwise would not know I had
Detail	ex. class project – <u>discovered a special skill for building kites</u>

Complete the essay from the outline above.

Introduction People have different ideas when it comes to trying new things. While some people prefer to do only the things they do well, others like to try new things and take risks. I prefer the latter for the following reasons.

Body First, I easily become bored and stuck in a routine when I do only what I do well. But new endeavors, such as acting in a school play, have given me a sense of excitement and accomplishment even when I did not succeed completely at them.

More importantly, trying new undertakings allows me to identify skills I otherwise would not know I had. For example, while doing a class project last semester, I discovered that I had a special skill for building kites.

Conclusion In sum, I prefer to try things outside of the usual routine as I quickly get bored and fall into a monotonous pattern when I only do what I am good at. Besides, new undertakings let me find unknown potential inside me.

Option 2

Fill in the blanks with your own words.

Thesis	prefer to do only the things I do well
Reason 1	gain confidence
Detail	<u>challenge myself – run the 100-meter race faster</u>
Reason 2	hate to waste time <u>trying new things & failing</u>
Detail	<u>tried gardening but the plants died</u>

Write the essay using the completed outline above.

Introduction Trying new things and taking risks is a part of everyone's life. Some people enjoy new things, but I personally prefer to do only the things I do well for the following reasons.

Body To start with, I can gain confidence when I work harder at the things I excel in. I am not good at running long distances, but I excel as a sprinter. So I challenge myself to run the 100-meter race faster every time I compete in school track events.

In addition, I just hate to waste time trying new things and failing. Once, for example, I tried gardening but the plants all died. It took a lot of time and effort for me to simply learn that I do not have a green thumb.

Conclusion In short, trying out new activities is a feature of all our lives. In my case, however, I would rather do only the things I do well because I can boost my self-assurance and want to avoid time lost on fruitless endeavors.

Finish Up

pp.88~89

Complete the outline.

Topic	prefer to follow the customs of the new country
Reason 1	<u>can adjust to new surroundings easily</u>
Detail	<u>adapting to local food & eating customs</u> → <u>healthy, comfortable life</u>
Reason 2	<u>more likely to succeed in the host country</u>
Detail	<u>a case study: second generation Korean immigrants in the U.S. – better incomes</u> ← <u>integrated in society more quickly</u>

Write the essay based on the outline from the previous page.

Sample Answer

For people moving to another country, the issue of which customs to follow becomes important. In my opinion, following the customs of the new country is preferable to keeping our own customs for the following reasons.

First, when we take on the customs of a new country, we can adjust to our new surroundings easily. Adapting to local foods and eating customs, for example, lets us live a healthy and comfortable life without the stress of always looking for familiar foods.

Second, following local customs makes us more likely to succeed in the host country. According to a case study, second generation Korean immigrants in the U.S. have achieved better incomes than first generation arrivals. The reason is that the second generation immigrants became integrated in society more quickly and formed better social networks.

In conclusion, which customs to follow is a controversial issue for those who immigrate to a foreign country, and I would rather follow a host country's customs. That would make it easier to fit into a new environment and offer a better chance to succeed.

Word Round-up

pp.90~91

Fill in each blank with an appropriate word from the box.

1. biased 2. extracurricular 3. risk
4. endeavors 5. sprinter 6. were equipped with

Choose the correct word that has the same meaning as the underlined part.

1. c 2. d 3. b 4. a

FREQUENT MISTAKES

p.92

Correct run-on sentences below by adding a comma, period or conjunction words.

1. Jason and I are going to the library. Do you want to come along?
2. Despite the adverse weather conditions, the rescue team kept searching for the crew of the wrecked ship.
3. The cheetahs used to roam freely in the jungle, but now most of them live in animal preserves.
4. This morning was extremely cold, so we had to put on our coats.
5. The little boy kept crying for hours, but his mother did not know what to do with him.

CHAPTER_05 Agreement

Useful Expressions

pp.94~95

Unscramble

1. I am for the idea that we should come together to stop global warming.
2. I agree with the idea that students should be allowed several short vacations in a year.
3. I was against the statement that luck has nothing to do with success.
4. I personally think that wild animals have the same right to be free from suffering as we do.

Warm Up

pp.96~97

Complete the outline by selecting proper brainstorming tips.

Thesis	disagree – should never make an important decision alone
Reason 1	<u>learn to take the responsibility for my own decisions</u>
Detail	follow others' advice, get negative results → <u>will blame others</u>
Reason 2	<u>make more effective decisions</u> without others' interference
Detail	discussions on a serious matter with friends → turn into chatting, <u>no practical decisions made</u>

Choose the general statement and the thesis for the question above.

general statement ③

thesis statement ②

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction

Some people seek out others' advice when deciding on things. They think that a person should never make an important decision alone. I disagree with them, for I believe that making our own decisions is better than consulting with others. The reasons are as follows.

Body

Above all, I learn to take the responsibility for my own decisions. If I follow others' advice and get negative results, I will blame others instead of myself. However, I will accept my mistake and learn a lesson from my failure if the decision is solely mine.

In addition, I personally make more effective decisions without others' interference. More often than not, I find that discussions on a serious matter with friends can easily turn into chatting with no practical decisions made.

Write the *Conclusion* using the tips below.

Conclusion

In brief, I strongly believe that we should make key decisions by ourselves. I learn to take the responsibility for whatever decision I make. More importantly, I myself come to better decisions without others' input.

Build Up

pp.98~99

Option 1

Complete the outline using the idea bank.

Thesis	disagree – students benefit a lot from working part time
Reason 1	jobs – demand time → get <u>lower grades</u>
Detail	a U.S. study: students working over 15 hrs / week – got <u>worse grades</u>
Reason 2	working students – <u>too busy</u> → little time for friends & family
Detail	friends with jobs – <u>cannot spare time for extracurricular activities</u>

Complete the essay from the outline above.

Introduction People have different opinions on whether having part-time jobs is harmful or beneficial for students. I am against the statement that students benefit a lot from working part time as it can be disadvantageous to them for the following two reasons.

Body To begin with, the jobs demand students' time, which causes students to get lower grades. According to a U.S. study, high school students working over 15 hours a week got worse grades than students without jobs.

It follows, then, that working students are too busy, having little time for friends and family. For example, my friends with jobs cannot spare time for extracurricular activities.

Conclusion On the whole, there are various views on working students. I personally think that working part time has a negative impact on students. These time-consuming jobs can make students receive poor marks in classes. Besides, working students are overextended, having little time for their friends and family.

Option 2

Fill in the blanks with your own words.

Thesis	agree – <u>students benefit a lot from working part time</u>
Reason 1	a job – teaches students to be more responsible, dependable
Detail	fast food jobs – <u>require workers to be on time</u>
Reason 2	financial independence – gives them money management skills
Detail	can save or spend as they choose → pay attention to <u>their bills, savings</u>

Write the essay using the completed outline above.

Introduction People have different opinions on whether having part-time jobs is harmful or beneficial for students. I am for the idea that students benefit a lot from working part time. There are two main reasons why I support the idea.

Body First, I think that having a job teaches students to be more responsible and dependable. To give an example, fast food jobs require workers to be on time.

In addition, newly gained financial independence gives them money management skills. Being able to save or spend as they choose, those students pay attention to their bills and savings. Consequently, they get to be more careful with their expenses.

Conclusion In short, people have various views on students' working part time. I personally think that students reap strong benefits from having part-time jobs. Students learn responsibility and reliability from being in the work force. On top of that, they are given the ability to handle their money through newly gained financial independence.

Finish Up

pp.100~101

Complete the outline.

Topic	agree – grades encourage students to learn
Reason 1	<u>an effective way to check students' understanding of the material</u>
Detail	<u>a chemistry class quiz on gases</u> <u>– whole class did poorly → teacher reviewed the material</u>
Reason 2	<u>give the chance to recognize talents</u>
Detail	<u>French class – always received As</u> <u>→ led me to decide to major in French literature in the future</u>

Write the essay based on the outline from the previous page.

Sample Answer

There has always been much discussion about whether or not grades stimulate learning. I personally agree with the idea that grades encourage students to learn. There are two main reasons why I think so.

For one thing, grades are an effective way to check students' understanding of the material. I myself can remember a chemistry class quiz on gases. My whole class did poorly on the quiz, so the teacher reviewed the material until it was truly learned by everybody.

In addition, grades give students the chance to recognize their talents. I have experienced this personally. In my French class, I always received As, which made me realize that I had special abilities in language learning. This, in turn, led me to decide to major in French literature in the future.

In sum, the value of grades in promoting learning has been talked about a great deal. I personally believe that grades do foster learning among students. They are a useful gauge of students' grasp of the material and give students the opportunity to discover their aptitudes.

Word Round-up

pp.102~103

Fill in each blank with an appropriate word from the box.

- | | | |
|--------------|------------|-------------|
| 1. financial | 2. expense | 3. seek out |
| 4. demands | 5. blamed | 6. consult |

Choose the correct word that has the same meaning as the underlined part.

1. c 2. b 3. d 4. a

FREQUENT MISTAKES

p.104

Choose the correct verb and rewrite each sentence.

- looks
Each of those peaches looks delicious and juicy.
- was
Dan thought that something was missing from his locker.
- has
Some of the flour has been spilled on the floor as the paper bag was torn.
- is
The reporter says measles is rapidly spreading in the small town.

CHAPTER_06 Detail

Useful Expressions

pp.106~107

Unscramble

1. From my point of view, open-mindedness is the most important quality of a good roommate.
2. I want to list two main reasons why protecting rain forests is critical for the next generation.
3. I share the idea that peer pressure plays a crucial role for the social development of children.
4. More important is that teenagers are too accustomed to relying on Internet surfing for their assignments.

Warm Up

pp.108~109

Complete the outline by selecting proper brainstorming tips.

Thesis	why extracurricular activities are important
Reason 1	<u>can get rid of stress</u> while learning new skills
Detail	outdoor club – <u>relax, enjoy nature</u> while learning outdoor skills
Reason 2	<u>can improve our social skills</u>
Detail	team sports – learn how to get along with, <u>motivate our teammates</u>

Choose the general statement and the thesis for the question above.

general statement ③

thesis statement ①

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction

Extracurricular activities are an important part of many students' lives, and there has been much discussion concerning the reasons for their importance. I myself can give two basic reasons why these activities are important.

Body

To begin with, we can get rid of stress while learning new skills when we participate in extracurricular activities. In our school's outdoor club, members can relax and enjoy nature while learning outdoor skills such as reading trail maps and setting up tents.

In addition, extracurricular activities can improve our social skills. For example, when we participate in team sports like basketball or football, we learn how to get along with and motivate our teammates.

Write the *Conclusion* using the tips below.

Conclusion

In short, much has been said about the value of extracurricular activities. From my point of view, they are important because we can eliminate stress and boost our interpersonal skills.

Build Up

pp.110~111

Option 1

Complete the outline using the idea bank.

Thesis	use of email – affects our writing skills
Reason 1	rely less on strong writing skills ← offer <u>emoticons</u>

Detail	insert a “smiley” emoticon
Reason 2	<u>makes us lazier</u> about basic writing conventions
Detail	use deliberate misspellings → make us less attentive to <u>spelling matters</u>

Complete the essay from the outline above.

Introduction	Increasingly, people are more likely to use email instead of regular letters. However, it is often said that <u>email affects our writing skills</u> . I also share this idea for the following reasons.
Body	<p>First, we now <u>rely less on strong writing skills</u> because email offers a variety of <u>emoticons</u>. Rather than use rich vocabulary to vividly describe an event, we can simply write something and <u>insert a “smiley” emoticon</u>.</p> <p>More important, perhaps, is that email <u>makes us lazier about basic writing conventions</u> such as spelling. To type messages more quickly, we often <u>use deliberate misspellings</u> like “prolly” for “probably” in our email messages, and doing this continually can <u>make us less attentive to spelling matters</u>.</p>
Conclusion	Overall, I do think that the use of <u>email dilutes our writing ability</u> . Offering emoticons, it diminishes the need for solid <u>written expression</u> . It also <u>makes us disregard key writing fundamentals such as spelling</u> .

Fill in the blanks with your own words.

Thesis	use of email — improves <u>our writing skills</u>
Reason 1	<u>gives us more chances to write</u>
Detail	get many email messages → get more practice in writing
Reason 2	<u>helps us organize our thoughts better</u>
Detail	<u>consider things to write in advance</u>

Write the essay using the completed outline above.

Introduction	<u>Increasingly, people are more likely to use email instead of regular letters</u> . I personally think <u>the use of email improves our writing skills</u> . There <u>are two main reasons why I think so</u> .
Body	<p>For one thing, <u>email gives us more chances to write</u>. I <u>get many email messages</u> from my friends or relatives, which makes me write more frequently than when I use snail mail. I am never lazy with keeping up with my e-pals, so I get <u>more practice in writing</u>.</p> <p>Besides that, email <u>helps us organize our thoughts better as each message must be written precisely</u>. I <u>consider things to write in advance, which helps me compose messages to show my specific ideas</u>.</p>
Conclusion	All in all, I believe that <u>our writing skills benefit from the use of email</u> . It lets us write more frequently, so I <u>get to do a lot of practice in writing</u> . Email also <u>helps us think logically as we must write precise messages</u> .

Finish Up

pp.112~113

Complete the outline.

Topic	two most important qualities for success
Point 1	<p>persistence — enables us to do things we never thought possible</p> <p>ex. my father — <u>twice failed the bar exam for lawyers, never gave up</u> → <u>now a respected attorney</u></p>
Point 2	<p>diligence — success always requires <u>hard work</u></p> <p>ex. high school swim team — <u>never missed a training day</u> → <u>won championship</u></p>

Write the essay based on the outline from the previous page.

Sample Answer

Most of us want to be successful in whatever we do, which calls for certain personal characteristics. There are two particularly important qualities for success.

Above all, persistence enables us to do things that we never thought were possible. My father is an excellent example of this. In his university years, he was told he "was not smart enough" or "was not logical enough" to become a lawyer, and he twice failed the competitive bar exam for lawyers. However, he never gave up and now he is a respected attorney.

Diligence is another crucial quality for success, which always requires hard work. I learned this from being on my high school swim team. My coach supplemented regular swimming practice with a rigorous weight-training program every day until the regional championship was held. I never missed a training day. As a result, I won the regional championship.

To sum up, success in life depends on a variety of individual qualities. Personally, I think that patience and a willingness to work hard are the two biggest keys to an accomplished life, as the former lets us do what seemed impossible and the latter helps us achieve our goal.

FREQUENT MISTAKES

p.116

Choose the correct verb and rewrite each sentence.

1. is
A chocolate bar as well as cookies is found in the backpack.
2. are
Dan or his friends are going to prepare for the presentation.
3. answers
Her parents or Karen answers the door when the doorbell rings.
4. hates
My sister as well as I hates to be treated as little babies.
5. help
Wade or I help Dad mow the lawn on Saturdays.

Word Round-up

pp.114~115

Fill in each blank with an appropriate word from the box.

- | | | |
|-----------|------------------|-----------------|
| 1. insert | 2. attentive | 3. keep up with |
| 4. boost | 5. interpersonal | 6. conventions |

Choose the correct word that has the same meaning as the underlined part.

1. a 2. d 3. b 4. c

CHAPTER_07 Assumption

Useful Expressions

pp.118~119

Unscramble

1. If I could grow some vegetables in the garden,
I would choose lettuce and cucumbers.
2. If I were taking one person to go to the moon with,
I would choose my younger brother.
3. I bought some pizza and ice cream. The former is
for lunch, and the latter for dessert.
4. The three-year-old girl can play the piano. Even
more amazing, she can compose songs.

Warm Up

pp.120~121

Complete the outline by selecting proper brainstorming tips.

Thesis	laptop computer, camera – would be my choice
Point 1	laptop computer – <u>let me be connected with my family, friends</u>
Detail	email, blog updates → <u>keep everyone informed, hear news from home</u>
Point 2	camera – <u>helps me capture memorable moments</u>
Detail	snapshots taken at exotic places → remind me of <u>special events, people</u>

Choose the general statement and the thesis for the question above.

- general statement ①
thesis statement ②

Complete the *Introduction* and *Body* using the outline and statements from the previous page.

Introduction

When we imagine preparing for a one-year journey away from home, there is a seemingly endless list of things to consider taking. If I could pack two special items, my laptop computer and camera would be at the top of the choice list.

Body

First of all, I would pack my laptop computer because it will let me be connected with my family and friends. Through email and blog updates, I can keep everyone informed of my travels and also hear news from home.

My camera would also be indispensable, as it helps me capture memorable moments of the journey. Whenever I look at the snapshots taken at exotic places, they would remind me of the special events and people there.

Write the *Conclusion* using the tips below.

Conclusion

There are almost countless items I could imagine taking on a full year journey. But, if I could pack two special items, my laptop computer and camera would be essential items. The former is to constantly correspond with my family and friends, and the latter to seize unforgettable moments of the journey.

Build Up

pp.122~123

Fill in the blanks to complete the outline.

Thesis	would start a "Health Day " to promote health awareness
--------	---

Point 1	community centers – would provide traveling “Health-mobile” buses
Detail	citizens – receive <u>free basic check-ups</u> , <u>health advice</u>
Point 2	<u>public recreation areas</u> – would be open to everyone
Detail	volunteer fitness experts – give people tips on how to <u>make exercise more enjoyable</u>

Complete the essay from the outline above.

Introduction	Holidays honor diverse events, and they also serve a variety of purposes. If I could create a new holiday, I <u>would start a “Health Day” to promote health awareness</u> . The holiday would be an educational and fun tribute if it were celebrated as follows.
Body	On Health Day, community centers would provide <u>traveling “Health-mobile” buses</u> . All the citizens could <u>receive free basic check-ups and health advice</u> in those buses if they want. Offering those services would promote health education for people. In addition, <u>public recreation areas</u> would be open to everyone. There would be <u>volunteer fitness experts</u> available to <u>give people tips on how to make exercise more enjoyable</u> . It would induce people to become more interested in regular exercise.
Conclusion	Holidays have many functions as they pay tribute to various things. If I could create a “Health Day”, it would be celebrated by offering <u>traveling “Health-mobile” buses for free check-ups</u> and by <u>opening public recreation areas where people get tips on more enjoyable exercise</u> .

Fill in the blanks with your own words.

Thesis	would create a “Family Day” dedicated to the idea of family harmony
Point 1	promote family outings
Detail	various places – offer free admission, stay open for extended hours
Point 2	<u>encourage families to enjoy cordial meals together</u>
Detail	<u>supermarkets – special sales on fresh ingredients</u> <u>restaurants – special prices on family dinners</u>

Write the essay using the completed outline above.

Introduction	<u>Holidays honor diverse events, and they also serve a variety of purposes</u> . If I could create a new day to celebrate, I <u>would create a “Family Day” dedicated to the idea of family harmony</u> .
Body	My special day would try to <u>promote family outings</u> to fun places that every generation can enjoy. <u>Various places such as museums, historic sites and nature parks would offer free admission to people and stay open for extended hours on that day</u> . Family Day would also <u>encourage families to enjoy cordial meals together</u> . To keep with the spirit of the day, <u>supermarkets could offer special sales on fresh ingredients for home-cooked meals and restaurants could offer special prices on family dinners</u> .
Conclusion	Holidays are good opportunities for celebration. If I could make a new special day, I <u>would create a “Family Day” to foster family outings to fun places that can please every generation</u> . The <u>special day would also promote cordial meals for families to relish together</u> .

Finish Up

pp.124~125

Complete the outline.

Topic	would choose to meet William Shakespeare
Point 1	<u>could solve the literary mystery – whether Shakespeare actually wrote the great plays</u>
Detail	<u>would be able to collect various clues to find out the truth in person</u>
Point 2	<u>could learn firsthand about the Elizabethan plays that flourished in his era</u>
Detail	<u>would be able to meet other famous writers, actors, actresses</u>

Write the essay based on the outline from the previous page.

Sample Answer

There are many famous people from history whom I respect. If I could travel back in time and meet one famous historic figure, I would choose to meet William Shakespeare. There are two main reasons for my choice.

First, I could solve the literary mystery of whether Shakespeare actually wrote the great plays. Some scholars argue that it was another writer who created those masterpieces because Shakespeare was too uncultured to produce them. Going back to the Shakespearean age, I would be able to collect various clues to find out the truth in person.

Even more exciting, I could learn firsthand about the Elizabethan plays that flourished in his era. Once I get acquainted with Shakespeare, I would also be able to meet other famous playwrights, actors and actresses. Close connection with those artists would allow me to get in-depth knowledge on how the comedies and tragedies were actually performed on stage.

In short, I would choose an exciting meeting with William Shakespeare given a chance to travel back in time and meet one famous historic figure. I could learn the truth behind his authorship and also directly

get to know the Elizabethan plays in its full bloom.

Word Round-up

pp.126~127

Fill in each blank with an appropriate word from the box.

- | | | |
|---------------|--------------|-------------------|
| 1. figure | 2. awareness | 3. pay tribute to |
| 4. correspond | 5. exotic | 6. volunteer |

Choose the correct word that has the same meaning as the underlined part.

1. d 2. b 3. a 4. c

FREQUENT MISTAKES

p.128

Fill in the blank with the correct pronoun for each antecedent.

1. he or she 2. she 3. we 4. his 5. their

PROGRESS TEST 2

pp.130~131

Read the question below, complete the outline and write an essay.

Sample Answer

Outline

Thesis	<u>prefer to plan for my free time very carefully</u>
Reason 1	<u>careful plans – guarantee me to spend my free time efficiently</u>
Detail	<u>make a list → do not waste time or miss something exciting</u>
Reason 2	<u>my meticulous personality</u>
Detail	<u>feel restless unless I have specific ideas about what to do</u>

Caught between hectic schedules, we can hardly find time to relax and have fun. Even if we do, we have different attitudes about planning. Some people do not make any plans for their free time, but I prefer to plan for my free time very carefully. The reasons are as follows.

Above all, careful plans guarantee that I can spend my free time efficiently. If I make a list of where to go or what to prepare in advance, I usually do not waste time or miss something exciting. On the contrary, my brother John, who never plans for his holidays, often ends up with wasting them.

Another reason is my meticulous personality. I feel restless unless I have specific ideas about what to do even for a one day break. Thus, planning spares me worries during my precious day-offs.

In short, when we find time to take a rest and enjoy ourselves, we have different attitudes about planning. Unlike people who do not make any plans for their free time, I prefer to make careful plans for my leisure time. It enables me to make the best use of my precious time and suits my meticulous nature.

Teenagers are influenced by many factors in forming their personalities and views of the world. Some believe that the family is the most important influence on teenagers, but I disagree with them. In my opinion, teenagers are more influenced by their friends for the following reasons.

To begin with, teenagers spend a lot of time with their friends, studying, doing extracurricular activities or playing games together. This leads them to share similar interests and concerns. They get so close and emotionally connected to each other that sometimes they can guess what others think without words.

Furthermore, teenagers have a strong desire to be accepted by their peers. As it is very important for them to feel belongingness, they do their best to assimilate themselves with others. So, those youngsters follow the behavior or jargons that their peers favor.

To sum up, I believe that friends have the primary influence on teenagers among the factors that have significant impact on them. It is because those teenagers spend considerable time with their peers and they also crave to get peer acceptance.

pp.132~133

Read the question below, complete the outline and write an essay.

Sample Answer

Outline

Thesis	<u>disagree – the family = the most important influence on teenagers</u>
Reason 1	<u>teenagers – spend a lot of time with their friends</u>
Detail	<u>share similar interests, concerns – get so close, emotionally connected</u> <u>→ can guess what others think without words</u>
Reason 2	<u>teenagers – have a strong desire to be accepted by their peers</u>
Detail	<u>do their best to assimilate themselves with others</u> <u>ex. follow the behavior or jargons that their peers favor</u>

ACTUAL TEST

TOEFL Writing Question 1 of 2

Sample Answer

The lecture argues that free file sharing networks can cause a lot of harm, casting doubt on the reading's claim that they are an excellent means of finding entertainment.

First, the professor says the networks cost musicians millions of dollars in lost CD sales. She cited the band Radiohead that came out against online networks for airing their CD prior to its retail debut. This runs against the reading's claim that the networks can stimulate CD sales by allowing music consumers a chance to try out any new songs online.

In addition, the professor says file sharing is not legal in case the downloaded material is copyrighted, adding that the U.S. Supreme Court ruled against file swappers for sharing copyrighted songs. This refutes the reading's claim that use of file sharing networks has been judged legal based on an earlier Supreme Court case.

Lastly, the professor mentions that music file sharing can be dangerous as hackers and cyber criminals can uncover who you are by monitoring song requests. This questions the reading's claim that free music sharing sites are free of risk as they are scanned and tested daily and equipped with virus filters.

TOEFL Writing Question 2 of 2

Sample Answer 1

Buying is an inseparable part of our lives, and we sometimes happen to get goods or services that are not satisfactory. In those cases, some people complain in person, but I would rather write an email for the following reasons.

First of all, writing a complaint letter is convenient. Once I bought an MP3 player from a mall downtown, but it abruptly stopped working only after two days. Instead of taking it to the mall myself, I sent an email to the customer center, explaining the situation. After a week, a clerk came to my house with a new MP3 player and took the broken one back. From that experience, I learned that emailing a complaint letter can save me a lot of effort.

Furthermore, I can make a compact and logical complaint in writing. While writing, I can keep revising the complaint letter and put everything I have to say there. On the contrary, if I go to a shop to complain in person, I may not be able to keep cool because I have to deal with the matter directly on the spot.

To sum up, we happen to receive unsatisfactory goods or services from time to time. When that happens, I prefer to complain in a written form. It suits me better as it saves me lots of effort and also allows me to make a concise and logical complaint without losing my temper.

Sample Answer 2

We sometimes face a situation where we have to complain about poor goods or services. Some do it in person and others in writing. I myself prefer to complain in person for the following reasons.

Most of all, it is efficient and time-saving. Once I found several important pages missing from a book that I had bought for my report. I could have sent a complaint letter via email and waited to get a refund or exchange. Instead I just went to the customer service center of the book store and gave them a piece of my mind. They immediately apologized and exchanged the book with a new one.

Another reason is that it is easier and simpler. Let's say that there is a rather complicated problem with an electronic product, I would have to go through a hard time explaining its defect in a complaint letter. On the contrary, it may save me time and effort if I personally take the product to the store that sold it.

In conclusion, it is inevitable for us to get things or services that do not meet our expectations. When I find myself in that kind of situation, I would rather go to the customer service center. It helps me make a complaint with efficiency and ease.

Audio Scripts

WRITING PROCESS

p.16

Between two species in nature there are certain partnerships called *symbiosis*, which means “living together”. Today, we’ll look into certain types of symbiotic relationships along with some examples.

Above all, let’s take a look at *mutualism* in which both organisms mutually benefit from the association. Certain ants, for instance, live in the hollow stem of an acacia. They get sugar from the plant, and the acacia gets protection in return as the ants attack anything that tries to damage the acacia’s leaves.

There is also *commensalism* in which one benefits while the other is neither harmed nor helped. The remora and the shark fall into this category. The remora attaches its dorsal fin to a shark and picks up scraps while the shark is feeding.

Lastly, *parasitism* occurs when one benefits and the other is hurt by the relationship. The strangler fig growing on another tree is an example. The fig can grow quickly thanks to the tree that supports it. However, the tree gets weaker by being deprived of sunlight.

CHAPTER_01 Challenge

Warm Up

p.24

People say that milk is hugely beneficial for us as far as it is consumed as part of a balanced diet. But we should be aware of some negative side effects of milk intake.

First, milk consumption may cause calcium loss. When we have difficulty digesting milk, our body draws calcium out of the bones to neutralize the acid in the stomach. Therefore, milk intake may contribute to developing osteoporosis instead of preventing it.

In addition, milk protein is a common cause of food allergies. A milk allergy occurs when our immune system reacts against the protein contained in milk.

Finally, milk is fattening. According to recent studies, children who drank more than three servings of milk per day gained considerable weight whether they drank whole or skim milk. So be careful not to take more than the recommended amount on a daily basis.

Build Up

p.28

I’m sure you have all used cyber encyclopedias rather frequently. Well, today I’ll mention a few negative points about these resources.

For one thing, cyber encyclopedias are not reliable, as anyone can update their articles. The new information may contain errors, and articles on complex topics may not be totally correct. Paper encyclopedias, on the other hand, are carefully edited by scholars and experts, which makes them authentic.

Another thing is that cyber articles can be biased. It’s because the contributors come from the younger generations who usually prefer pop culture topics to academic ones. Thus, cyber encyclopedias may not have a full selection of topics.

Lastly, cyber encyclopedias can be fun to read, but they are often too basic for real academic research. The articles provide convenient web links, but they often lack depth and detail. In short, clicking around the Net is no substitute for thorough library research.

Finish Up

p.32

Good morning, class. In today's lecture, I'm going to give you some arguments against medical uses of stem cells.

The first is that these treatments may not work medically. According to a U.S. study, about 20% of mice treated with stem cells for Parkinson's disease died from brain tumors. Even in the United Kingdom, where diabetes stem cell research is very advanced, scientists say they are far from finding any cures.

There are also ethical problems with using stem cells. To obtain stem cells, it is necessary to grow and

destroy human embryos in the harvesting procedure. It means that a human's life must be ended at its early stage. Furthermore, stem cell technology would make it inevitable to grow and then kill more new embryos to supply cell banks.

Finally, stem cell therapy could be more expensive than ordinary drug treatment. It's because the biotechnology industry will need to recover the billions of dollars it has already invested in stem cell research. So the vast majority of citizens might not be able to benefit from stem cell therapy.

CHAPTER_02 Support

Warm Up

p.40

Today I'll talk briefly about some distinctive features of the "thumb generation". They are, of course, that new generation of people who are famous for using their thumbs to operate mobile technology.

As children, these people developed quick and powerful thumbs from playing hand-held computer games. Later, they continued using their thumbs on cellphone keypads. By pushing tiny buttons, they can do almost everything on their cellphones—send text messages, take photos and even watch videos.

Besides that, activities involving game devices are a key to "thumb generation" members' everyday social lives. For instance, these youngsters often spend hours a day playing "multiplayer" online games in which they challenge hundreds of other players at the same time. Gaming thus becomes a "social event" for them.

"Thumb generation" culture is especially strong in Japan. Some TV stations have hosted thumb speed contests there. A recent winner typed 100 Japanese characters with only her thumb in just one minute.

Build Up

p.44

You've all read about Elwood Norris' amazing accidental discovery of sound beam technology. Well, today I'm going to talk about how sound beams work.

About 150 years before Norris' discovery that two ultrasonic waves can produce an audible sound, German physicist Hermann von Helmholtz made a similar accidental discovery about sound while using an organ. He noticed that when two loud notes are played on an organ, a third note is also produced. This is the basic principle of Norris' unique sound beam system.

Sound beam technology works because ultrasonic waves travel farther and carry the original sound better through the air. But low-pitched sound waves spread out and weaken quickly in the air.

As the sound beams are aimed like a *light laser*, only a person in the exact target zone hears the sound. It's like the person "becomes" a radio receiver. Using the technology, a grocery store might play an audio advertisement that allows only the shopper in front of certain goods to hear it.

Finish Up

p.48

As we are all aware, child labor is a global social problem. You may wonder why child workers are used. Today I'll discuss some major reasons.

To begin with, child labor is most often seen in farming areas of developing countries where children must work to help large families survive. Studies show that up to 50% of Ethiopia's coffee farms use child workers, and these farms tend to be in rural areas where family sizes are large.

In addition, factories that manufacture textiles and sporting goods also employ child workers because

their fingers are small and skillful enough for hard, precise tasks like sewing. In the recent past, the media has reported on children as young as 12 years old sewing together soccer balls and T-shirts in Pakistani factories.

Finally, in many tourist areas, children often help bring customers to their families' restaurants or souvenir shops because they seem more approachable than adults. These young "touts" are especially common in India, where they also help draw in business for taxi drivers.

CHAPTER_03 Problem & Solution

Warm Up

p.56

Animals are senselessly killed and left to die on the side of the road, and the number is increasing. It's a serious problem for wildlife, particularly for endangered species. Today, we'll discuss some ways to solve the roadkill problem.

First, wildlife ecology should be taken into consideration before constructing new roads. In Australia, road construction projects are meticulously examined to see if they would affect wildlife habitats and populations. In this way, people can minimize the impact of road construction on native fauna.

Another measure is building more well-located ecobridges, a passage that enables wild animals to move around for feeding, nesting or resting. Constructing guide fences is also helpful for less used wildlife passages as the fences lead animals toward ecobridges for their safety.

Third, drivers should be more careful around the roads that nocturnal animals frequent. When they see traffic signs that indicate areas of increased animal

activity, drivers should slow down and watch for potential accidents.

Build Up

p.60

For today's class, I'm going to discuss some ways to prevent the problems caused by antibiotics. The ultimate goal is to have antibiotics in our body only when it is necessary.

To start with, we can avoid getting antibiotics from food by consuming organic meat or vegetables. We can check the labels on the package when we shop for food or grow some vegetables like lettuce at home.

Besides that, we can also avoid medical overuse of antibiotics by getting more specific tests when we get sick. In case of a sore throat, a simple test can tell us whether it's just a virus. If it is a viral infection, then no antibiotics are needed.

Most importantly, we have to educate people about how much harm antibiotics can cause us when they are misused. Patients should be advised that

antibiotics will cause dangerous medical problems if they are not taken according to doctors' exact directions.

Finish Up

p.64

Today we are going to continue our discussion of Attention Deficit Hyperactivity Disorder, or ADHD. We know about its symptoms, but what about its treatment?

One part of most ADHD treatment programs is prescription medication. The drug Ritalin, for example, raises the brain's dopamine levels and, as a result, can make children more focused in handling the demands of school. According to studies, about 70% of children with ADHD do better in school after being given Ritalin.

Teachers can also help children with ADHD who still display symptoms of being constantly active and restless. These children can be allowed to work off their excess energy by becoming a "teacher's assistant", running small errands or passing out papers to the class.

Finally, impulsive behavior symptoms of ADHD can be treated effectively with behavior therapy. Behavior therapy is simply a system of rewarding quiet, productive behavior and punishing reckless actions. As an example, a child who behaves well can be complimented with reward stickers.

PROGRESS TEST 1

p.70

Good morning, class. You've all read about the potential nutrition and environmental benefits associated with genetically modified — GM, for short — foods. Well, today I'm going to talk about some of the harmful effects of GM foods.

To start with, GM foods, often nicknamed "Frankenfoods", could put humans at risk for deadly food aller-

gies. For example, Brazil nut genes, which can cause fatal allergic reactions in some people, were discovered in one U.S. company's genetically modified soybeans. Fortunately, the product was quickly withdrawn from the market.

In addition, growing GM foods may harm the environment by killing helpful insects. In one study, Cornell University researchers found that Monarch butterflies died after eating leaves containing BT bacteria, a natural insect poison inserted into GM crops.

Finally, GM foods could give a few huge agribusiness companies a dangerous monopoly on global food production. In 2006, the top three seed companies — Monsanto, Dupont, and Syngenta — controlled 44% of the global market. All of these companies are active in GM technology, and in the future their policies could affect the world's food supply.

p.72

Some animals run for their lives when they see danger. But other species just stand still where they are, adapting certain appearances that make themselves harder targets for their predators. Today, we'll discuss different adaptations that protect some animals against their enemies.

The most frequently used tactic for protection is "blending in" or background-matching coloration. You can often see this kind of disguise in nature. For example, cuttlefish perceive the color of a backdrop and alter the color and pattern on their skin accordingly. By choosing the right combination of chromatophores, cuttlefish match themselves with all sorts of surroundings.

The second is "blurring" or disruptive markings. Some animals have spots, stripes or patches that serve to confuse their predators. A herd of zebras, for instance, looks like a big, striped mass to a lion. Their vertical black and white lines appear to run together, making it hard for a predator to select and attack on a specific zebra.

The last one is "copycatting" or faking other dangerous species. In general, weaker species like insects

turn to this aggressive tactic. Let's look at the back of a hawk moth caterpillar. It actually looks like the head of a snake, which can frighten away most predators that they might come across.

ACTUAL TEST

p.138

Well, most of you have probably used or at least heard of the many popular free file sharing networks on the Internet. Enjoying these sites may seem safe and fun, but you should be aware that they can cause a lot of harm.

File sharing networks have cost musicians millions of dollars in lost CD sales because new music is often shared online before it even appears in stores. In 2003, the band Radiohead criticized online file sharing networks for playing their CD *Hail to the Thief* months before its official release.

On top of that, file sharing is not legal in case the downloaded material is copyrighted. In more detail, the U.S. Supreme Court recently determined that its own "Betamax" decision did not apply to file swappers who share copyrighted songs without permission. So, you are breaking the law when you "unofficially" share just one copyrighted song.

Finally, sharing music files presents risks to computer users. Hackers and cyber criminals can find out users' identities by monitoring song requests sent over file sharing networks. Moreover, fatal viruses like the Trojan horse can enter your computer through fake music files.