

英 語〔問 題〕

(100点・80分)

注 意 事 項

1. 試験開始の合図があるまで、この問題冊子の中を見たり、裏返したりしてはいけません。
2. この問題冊子は19ページあり、解答用紙は1枚（両面）です。
試験中に問題冊子・解答用紙の印刷不鮮明、ページの落丁などに気付いた場合は、手を挙げて監督者に知らせなさい。
3. 試験開始後、ただちに解答用紙の所定記入欄に、氏名・受験番号・誕生日をそれぞれ正しく記入し、さらに受験番号・誕生日をその下のマーク欄にマークしなさい。
4. 受験番号・誕生日が正しくマークされていない場合は、採点できないことがあります。
5. 解答は、解答用紙の解答欄に各設問で指示された方法で記入しなさい。
マーク方式は、例えば、

20

と表示のある問いに対して③と解答する場合は、次の(例)のように解答番号20の解答欄の③にマークしなさい。

(例)

解答番号	解 答 欄
20	① ② ● ④

6. 問題冊子の余白等は、下書きなどに適宜利用してよいが、各設問で指示された解答は、必ず解答用紙の解答欄に指示された方法で記入しなさい。
7. 試験終了後、提出は解答用紙のみとし、問題冊子は持ち帰りなさい。

Part I 次の英文を読んで設問に答えなさい。

Since the 1920s, the “horseless carriage” has been the bedrock of American culture. Due to the spirit of American independence, most people preferred driving a car over using trains or developing other public transportation systems. Moreover, since the end of World War II, infrastructure in the United States (US) has been designed for the automobile. People wanted to move out of big cities, so suburbs grew farther and farther from the city center. This was accompanied by the construction of increasingly wide roads and large highway networks. The “American Dream” at the time was to own a large house with two cars in the garage.

However, in the 21st century, the disadvantages of a car-centric infrastructure became extremely noticeable. The urban sprawl results in increasingly long drives to work and shopping centers, contributing to rising carbon emissions. The natural environment is being destroyed. Wide roads, known as “stroads,” sometimes containing eight lanes, are being constructed. Rather than adding beauty and efficiency to driving, these stroads are ugly, have no sidewalks, and are dangerous with all the speeding vehicles. Huge mega stores are constructed far from the stroads. These have been carelessly designed by greedy developers to increase business and profit, not people’s well-being. According to the United States Department of Agriculture (USDA), the average distance to the grocery store is 5.5 kilometers, too far to walk or cycle. So, people must use a car to survive.

Moreover, it is often dangerous to walk in many places in the US. The National Highway Traffic Safety Administration (NHTSA) reported that about one in seven fatal motor vehicle accidents involved a pedestrian. In 2021, there were 7,388 pedestrians killed and 60,577 injured in vehicle crashes. A serious problem is that many neighborhoods do not have sidewalks on either side of the road. Despite collecting taxes, the city governments are reluctant to spend the money to construct them. Even in housing areas, there are no laws requiring sidewalks.

(6)

Although many Americans would probably be happy to walk to their destinations, it's too dangerous. For example, Charlotte, a mother of two children, lives only about 300 meters from a grocery store. She wants to simply cross the street at the crosswalk to get there. But she cannot, since there is no signal, and too many vehicles are zipping by at high speeds. So, she goes by car. Ellen, who lives in the countryside, has the same problem. To buy milk, she tried walking down a road to Dairymart but could not find a safe way. With no sidewalks or bike lanes, she has little space to walk or cycle to keep safe. Hence, she too decided to go by car.

So, what could be some solutions for improving the situation in America? Adopting some characteristics of a compact city may provide answers. A compact city is loosely defined as a densely populated small area in which people can live with all their day-to-day activities being accessible by public transportation, cycling, or walking. The goal is to lower energy consumption by encouraging walking or riding a bicycle rather than using a car, resulting in a cleaner environment, improved public health, and increased social interaction. For example, mixed-land use infrastructure is employed with food markets, shops, schools, and clinics often placed within walking distance from homes. Neighborhoods are constructed for a dense population in a small area, for people to walk or cycle less than one kilometer, and be wheelchair-accessible.

Specifically, what needs to be done to create a compact city? Tasks should include constructing sidewalks wide enough for pedestrians to walk safely and planting trees along the sidewalks to provide shade and shield from the wind. Moreover, people should be encouraged to build small businesses along the streets for more efficient land use and zoning laws need to be changed to allow the *intermingling of houses and apartments with shops. Other tasks should include constructing bike lanes along the roads so one can safely cycle in the city and installing crosswalks at intersections to lower stress and improve safety. Finally, the situation could be improved by eliminating gradual turns on street corners and replacing them with sharper corners so that cars must slow down before making a

turn.

Beautification is also important for a compact city. One way is to create green spaces such as the “Emerald Necklace” in Cleveland, Ohio, a 110-kilometer-long network of parks, forests, hills, and streams winding around the city. There are walking and running trails, and a 90-kilometer course for cycling enthusiasts. In the city, beautification can also be implemented to renovate old and decaying city blocks no longer in use. Within each block, a small network of narrower streets can be constructed, lined with charming apartments and shops where cars are not needed.

In today’s world, we can and should utilize the present knowledge of compact cities across the globe in order to create a more sustainable future for everyone. US cities such as New York and Cleveland, to name a few, already have districts where food markets, schools, work, and places of worship are all within walking distance for the residents. This significantly minimizes the problems caused by carbon emissions. In summary, compact city design appears to be a ⁽⁷⁾viable option to improve American infrastructure and lifestyle.

*intermingling 混在させる

1

 から

7

 の質問の答えとして最も適切なものを選び、その番号をマークしなさい。

1

 According to the passage, why do people in America prefer driving a car to using public transportation systems?

- ① Because they find their own car more enjoyable to use than public transportation.
- ② Because they think that driving a car is faster and safer than using a train.
- ③ Because they possess a strong sense of American independence.
- ④ Because they think that public transportation can use a large amount of public space.

2

 According to the passage, which is NOT mentioned as one of the disadvantages of a car-centric infrastructure?

- ① It leads to many car accidents.
- ② It has a negative impact on people's health condition.
- ③ It increases the amount of carbon dioxide emitted.
- ④ It often makes pedestrians encounter dangerous situations.

3

According to the passage, why do motor vehicle accidents involving pedestrians happen so frequently in America?

- ① Because stores are often so far from residential areas that people need to walk.
- ② Because drivers are too careful about other cars to pay attention to pedestrians.
- ③ Because city governments have a financial problem that prevents creating sidewalks.
- ④ Because people can't often find the designated safe area to walk along the roads.

4

According to the passage, which is mentioned as one of the goals of the compact city?

- ① Fostering environmentally conscious behavior
- ② Promoting the use of renewable energy
- ③ Building eco-friendly institutions all in one place
- ④ Encouraging people to share their political views

5

According to the passage, which does NOT need to be done to deal with the problems of a car-centric infrastructure?

- ① replacing wide, gradual street corners with more acute ones
- ② concentrating houses and shops in a city center
- ③ developing green areas to achieve natural shading
- ④ installing a system, indicating waiting time at intersections

6

What does the underlined word (6) refer to?

- ① neighborhoods
- ② sidewalks
- ③ taxes
- ④ governments

7

Which is the closest in meaning to the underlined word (7)?

- ① available
- ② dependable
- ③ profitable
- ④ reasonable

8

下の表は、この文章のメインポイントを段落ごとに順番に並べたものです。本文の流れに沿って、空欄に適する選択肢をひとつ選び、その番号をマークしなさい。ただし、同じ選択肢は一度しか使えません。

City design for automobiles

Disadvantages of a car-centric infrastructure

The number of car accidents involving pedestrians

8-1

A definition of a compact city

8-2

8-3

The importance of the idea of a compact city design for a sustainable future

- ① Suggestions about how to incorporate compact city features to improve infrastructure
- ② Two cases of the car-friendly city design being incorporated successfully
- ③ Some constructed areas where cars are not allowed to enter
- ④ Beautification as one of the elements constituting a compact city
- ⑤ The running and cycling courses useful for making a compact city successful
- ⑥ Concrete examples of the dangerous situations that pedestrians can encounter
- ⑦ Efforts to use land more efficiently by people living along the streets
- ⑧ Bike lanes introduced in order to decrease the number of cars running in the city

9

最後の段落には下記の質問の答えがあります。その答えを日本語で要点を押さえて述べなさい。解答は解答欄に書きなさい。

9-1

How does the knowledge about compact cities help us?

9-2

What is the advantage of living in compact cities?

Part II 次の英文の空欄 **10** から **18** に入る最も適切な単語を選択肢から選び、その番号をマークしなさい。ただし、同じ選択肢は一度しか使えません。

Food enhances and enriches our communication. It is one of the rare things that unites everyone. Currently, sharing food images has become a popular **10** on social media, **11** a new internet culture. Increasing numbers of individuals, both young and old, share their food pictures before they eat, and follow others' content online. They feel thrilled by and drawn to creatively pleasing pictures of artfully arranged dishes. For some, posting about food is more than just enjoying the meal itself. It also enables them to **12** their preferences, character, and beliefs. Individuals consider it a useful method to communicate their experiences with friends and followers. Numerous individuals enjoy displaying fashionable dishes or unique meals as it lets them showcase their identity and **13** expressions. Individuals who **14** images claim they can enjoy the meal more fully and for a longer time than if they simply sat at the table and ate it immediately. Despite the advantages of sharing images, some health professionals are concerned that this popular habit may lead individuals to gain excess weight or develop eating **15** . Expecting **16** responses from their followers, they may be obsessed with food. A popular social media site lists the latest top 10 foods shared. The most shared foods are pizza, steaks, burgers, and desserts, not vegetable soups or salads. Sharing images of food helps us **17** that it is a universal language that strengthens our connections, yet we must remember the **18** drawbacks.

選択肢

① aesthetic	② capture	③ confirm
④ convey	⑤ disorders	⑥ establishing
⑦ favorable	⑧ trend	⑨ potential

Part III 次の表とそれに続く英文と図表を読んで、 19 から 22 の
質問の答えとして最も適切なものを選び、その番号をマークしなさい。

East Asian countries such as Japan, South Korea, and China have long been leaders in manufacturing goods for both domestic use and international trade. The expansion of the manufacturing sector strengthens national economies, creates new job opportunities, and promotes the development of industry and innovation. However, increased manufacturing activity can also lead to environmental challenges. One of the main contributors to global warming and climate change is carbon dioxide (CO₂) emissions.

The target for 2030 is to reduce CO₂ emissions by 45% compared to 2010 levels. Despite this goal, energy production and industrial activities remain major sources of global CO₂ emissions, which have continued to rise as countries work to recover from the COVID-19 pandemic. While economic recovery and growth are essential, it is equally important to invest in clean and advanced technologies that aim to reduce CO₂ emissions.

Figure 1 illustrates the manufacturing value added as a percentage of Gross Domestic Product (GDP) in 2000 and 2024 in Japan, South Korea, and China. Table 1 presents CO₂ emissions from fuel combustion in these three countries in 2000 and 2022. Let's examine how Japan compares with its East Asian neighbors.

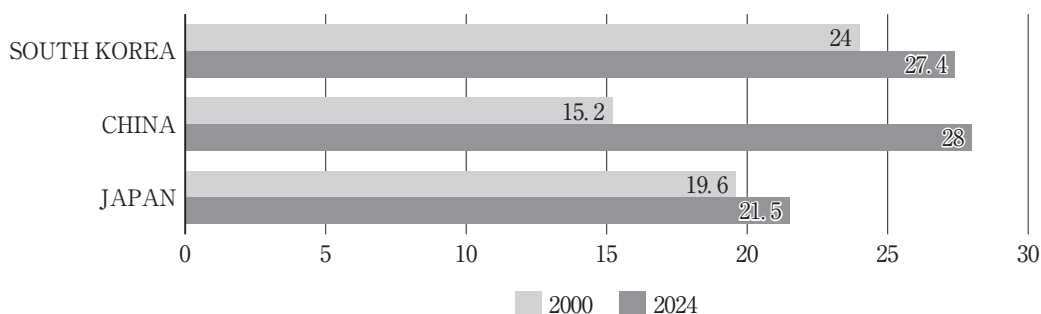


Figure 1. Manufacturing value added as a proportion of Gross Domestic Product (GDP) in percentages (%).

Country	2000	2022
JAPAN	1, 143. 90	973. 70
CHINA	3, 078. 40	10, 613. 20
SOUTH KOREA	417. 50	549. 30

Table 1. CO₂ emissions from fuel combustion (kilotons) in 2000 and 2022 in Japan, China, and South Korea.

Although the manufacturing sectors in East Asian countries appear to be recovering from the downturn caused by the COVID-19 pandemic, it is essential to consider the environmental impact of this recovery. Economic growth and development should not come at the expense of worsening ecological problems. Instead, it is crucial to develop and invest in technologies that prioritize the use of clean, sustainable materials and energy sources. To achieve fair and sustainable progress, greater international cooperation is needed to support the advancement of industrialization in both developed and developing countries.

Source: <https://unstats.un.org/sdgs/dataportal/countryprofiles/>

19

What is the main topic of the article?

- ① Balance between economic growth and environmental protection
- ② Effect of the worldwide health crisis
- ③ Importance of regional economic performance
- ④ Mechanisms to reduce global warming

20

Which of the following is true based on the article?

- ① A reduction of nearly half in CO₂ emissions from 2010 levels is required by 2030.
- ② CO₂ emissions should be boosted for the improvement of environment-friendly technologies.
- ③ The COVID-19 pandemic was a major factor in the recent economic revival.
- ④ The significant rate of CO₂ stems from global warming and climate change.

21

Which of the following can be said from Table 1?

- ① A rise in GDP has been a definitive factor in making more CO₂ emissions.
- ② While CO₂ emission levels from fuel combustion decreased in Japan, they increased in some other East Asian countries.
- ③ Every one percent GDP rise is associated with around 530 million tonnes of CO₂ emissions.
- ④ Japan managed to cut the amount of CO₂ emissions despite a drop in manufacturing value.

22

What is the author's position?

- ① East Asian countries contribute the most to the global climate crisis.
- ② More efforts should be made with continued investment in fossil fuel-based systems.
- ③ Sufficient global collaboration is necessary to continue progress.
- ④ While manufacturing is rebounding, the environmental consequences must be addressed.

Part IV 次の 23 から 26 の会話の空欄に入る最も適切な表現を選び、その番号をマークしなさい。

23

Dan : I'm thinking about getting a part-time job while I'm in school, but I'm worried it will affect my grades.

Chris : It's definitely a balancing act. Working can provide valuable experience and financial independence, but it requires good time management.

Dan : That's my biggest concern. I'm already struggling to keep up with my coursework, and I don't want to add more stress.

Chris : Many students successfully work part-time. It's about finding a job that fits your schedule and allows you to prioritize your studies.

Dan : I guess if I find a flexible job and learn to manage my time effectively, it might be possible. I do need some extra income.

Chris : Just remember to be realistic about your limits, and don't be afraid to ask for help if you're feeling overwhelmed. It's crucial to ().

- ① act before you think carefully
- ② focus on filling your schedule
- ③ give priority to your well-being
- ④ solve your financial problems first

Koki : As library committee members, we all know that we should acquire more English language materials.

Ken : Yes, in fact, I think we should acquire more digital English language resources. That's the best solution in my opinion.

Koki : That's true. Additionally, we should look into expanding subscription options for online English resources and journals for our students and teachers.

Ken : That's a very good idea. We will also need to make sure the library website has all the up-to-date information about the English materials.

Koki : Okay. ()

Ken : All right. In that case, I will begin to make a list of the digital English language resources we need right away.

- ① So then, we should plan to place orders for the digital English resources by the end of this week.
- ② Why don't we ask the students how late they want to study by conducting a questionnaire?
- ③ First of all, we should think about setting up bookshelves in the basement self-study section.
- ④ How about having a meeting to change the library hours?

Amy : John's birthday is coming soon, and I'm not sure what to get him. Do you have any good ideas?

Ryo : He really likes mystery novels, right? I read about this new one online. It has good reviews.

Amy : Great, let's buy that one for sure. Do you think we need to get him something else?

Ryo : Maybe a nice sketchbook? I know he enjoys drawing all the time, right?

Amy : Yes, that's a good idea. I saw a nice sketchbook and ink pen set in the stationery store near-by. And, you know what? Let's get him another book too, just to have a few options. Do you know any other books he might like?

Ryo : Well, he is also interested in astronomy. Why don't we find him a popular science book about space? So, ().

- ① we can give him three kinds of books and a notebook, and a pen
- ② we can give him two books and a birthday photo album
- ③ he'll get two different genres of books and a nice sketchbook set
- ④ he'll get a mystery novel, a science book, and an art book

Stephanie : I'm so overwhelmed with this history assignment. I've been trying to work on it by myself, but I just can't seem to focus.

Andrew : It sounds serious. Have you ever joined any group study sessions? I think it helps. You can share ideas, cover more material in less time, and learn from different perspectives.

Stephanie : Only when required. I'm afraid working in a group can be distracting. Chatting about other things is a waste of time. I'm sure studying alone is more efficient.

Andrew : That's fair, but, in a group, people share different views and perspectives, which could help you solve the problem together.

Stephanie : (). Sometimes I feel like I'm the only one who is prepared for the study group. You know what I mean?

Andrew : Yeah... The key is to find a study group with people who are as motivated as you are!

- ① My friend suggests I take care of my group
- ② I guess it depends on the group members
- ③ That's why I try to find my way to do it
- ④ Studying independently enables me to assist others who are unprepared

Part V 次の各英文を読み，その内容を理解した上でカッコ内の語句をすべて使って，27 および 28 の下線部を正しく並べ換えなさい。ただし，他の語句を加えてはいけません。解答は作成した部分のみを解答欄に記入すること。

27

I had an appointment for my 7-year-old son with a new doctor. We checked in 30 minutes prior to our appointment time. We still remained in the waiting room 40 minutes past our appointment time. Feeling a little frustrated, I went to the staff at the reception desk and asked them to check the status of the doctor. Shortly after, our names were called for the appointment. Actually we were called in 50 minutes past our appointment time. Just before leaving the doctor's office, I firmly but politely advised the doctor to be more responsible for keeping the appointment times. While I understand that such things happen, our time is equally as valuable as the doctor's time. I believe we can expect the same punctuality that is expected from us. The doctor (regarding / at fault / experienced / they / admitted that / were / the situation / we).

Recently I've become more aware of the lack of concentration on my tasks in my workplace and at home. The reason is that I've been totally addicted to the use of digital devices, especially my smartphone. I confess I'm a phone addict. My phone is constantly with me, either in my hand or in my bag. I check emails every half an hour. Without the phone in hand, I feel anxious and uncomfortable, and I know it makes me extremely less productive and more stressed while doing my tasks. After recognizing the adverse effects on my life, I decided to take action for improvement. As a start, I'll stay away from the phone for a day, hoping (work with / return to / this / to / improved / me / ideas and / will allow) mental clarity.