

〔 I 〕 次の各文の空欄に入れるべき最も適切な語(句)を①～④の中からそれぞれ1つずつ選びなさい。

問 1 It was  that they could not win the game.

- ① disappoint                      ② disappointed  
③ disappointing                  ④ disappointment

問 2 Jane has three sons; one is in Los Angeles,  are in New York.

- ① another      ② others      ③ the ones      ④ the others

問 3 Peter's achievement was well beyond  his boss had expected.

- ① degree      ② extent      ③ what      ④ which

問 4 This big box is  the way, and I can't enter the room. Please take it away.

- ① by              ② in              ③ on              ④ to

問 5 I was pleased to meet her again because we  for years.

- ① hadn't met                      ② haven't had met  
③ haven't meet                    ④ wouldn't meeting

問 6  students take the train to come to school.

- ① Almost      ② Almost of      ③ Most              ④ Most of

問 7 The latest action movie entertained the audience with its thrilling .

- ① consumption   ② distribution   ③ expenditure   ④ scenes

〔 II 〕 次の各文において、それぞれ下の選択肢①～⑤の語(句)を並べ替えて空欄を補い、和文と同じ意味の英文を完成させるとき、空欄  ～  に入れるべき語(句)を選択肢の中からそれぞれ1つずつ選びなさい。ただし、問1は文頭に来るべき語も小文字で始まっている。

問 1 (      )  (      )  (      ) the name of that fruit?

[その果物の名前は何かだと思いますか。]

- ① do                      ② is                      ③ think  
④ what                  ⑤ you

問 2 If it (      )  (      )  (      ) today, we would have been able to go jogging.

[今日、雨さえ降らなかつたら、私たちはジョギングに行けたのに。]

- ① for                      ② not                      ③ rain  
④ the                      ⑤ were

問 3 One of the best (      )  (      )  (      ) recycling.

[ゴミ問題の最善の解決法のひとつはリサイクルである。]

- ① is                      ② problem                  ③ solutions  
④ the garbage          ⑤ to

〔Ⅲ〕 次の各問に答えなさい。

問 1 次の2つの会話を完成させるために、空欄  と  に入れるべき最も適切な文を①～④の中からそれぞれ1つずつ選びなさい。

会話 1

Shiho : My goodness, it's hot outside today.

Kaori : No kidding. We should start using the air conditioner.

Shiho : So soon? It's only the beginning of June.

Kaori :

- ① I don't want to get sunburned.
- ② The electricity bill was very high last month.
- ③ There's no rule about when we should start using it.
- ④ You're right. We might get heat stroke.

会話 2

Francisco : Would you like to join us for dinner after work?

Alejandra : I'd love to, but I already have plans tonight.

Francisco : That's too bad. Maybe next time.

Alejandra :

- ① I didn't eat lunch today.
- ② Sure, just let me know in advance.
- ③ That movie sounds interesting.
- ④ Yes, I'll be working from home.

問 2 次の文書を読み、各問の答えとして最も適切なものを①～④の中からそれぞれ1つずつ選びなさい。

The following table is a summary of United Nations population estimates by region. The percentage of the world population is included for each figure provided. Use this information to answer the questions below.

Population Estimation

Regions / Year	2010		2030		2050	
	(in thousands)	(percentage of world)	(in thousands)	(percentage of world)	(in thousands)	(percentage of world)
Africa	1,022,234	14.82%	1,562,047	18.77%	2,191,599	23.55%
Asia	4,164,252	60.39%	4,867,741	58.50%	5,142,220	55.26%
Europe	738,199	10.70%	741,233	8.91%	719,257	7.73%
Latin America and the Caribbean	590,082	8.56%	701,606	8.43%	750,956	8.07%
North America	344,529	5.00%	401,657	4.83%	446,862	4.80%
Oceania	36,593	0.53%	47,096	0.57%	55,233	0.59%
World	6,895,889	100.0%	8,321,380	100.0%	9,306,127	100.0%

Source : United Nations, Department of Economic and Social Affairs

1. In which of the following regions is the percentage of the total world population estimated to increase between 2030 and 2050?

- ① Africa
- ② Asia
- ③ Latin America and the Caribbean
- ④ North America

2. Which of the following is true?

- ① In 2050, the population of Africa is estimated to be more than double what it was in 2010.
- ② In Asia, it is estimated that the population will continue to decrease gradually between 2010 and 2050.
- ③ In North America, the percentage of the total world population is expected to increase slightly from 2010 to 2050.
- ④ The population of Europe is expected to increase constantly from 2010 to 2050.

〔IV〕 次の文章を読み、問に答えなさい。

The history of the bicycle is not only a story of technological innovation in  but also a significant chapter in women's history. Since its rise in the late 19<sup>th</sup> century, the bicycle has been deeply connected to the movement for women's rights and broader shifts in gender roles.

The modern bicycle began to appear in Europe in the 1860s and 1870s. However, it became truly popular in the 1880s and 1890s, a time known as the "bicycle boom." A big reason for this was the invention of the "safety bicycle." Unlike earlier bicycles with one huge front wheel and one tiny back wheel, the safety bicycle had two wheels of the same size and was powered by a chain connected to the back wheel. This happened around at the same time as women in Europe and North America were pushing for greater freedom, such as the right to vote, the right to access higher education, and the right to control their own bodies.

The bicycle quickly became a powerful symbol of . For many women, riding a bicycle meant the freedom to travel alone, to break free from the domestic sphere where they had long been confined, and to participate <sup>(4)</sup> more fully in public life. Prominent suffragists—women seeking voting rights—of the late 19<sup>th</sup> century actively supported the use of the bicycle. American activist Susan B. Anthony famously stated in 1896, "I think [the bicycle] has done more to emancipate\* women than anything else in the world." Cycling gave women not just physical mobility but also a new sense of self-reliance and control over their bodies.

However, the growing popularity of cycling among women invited controversy. Critics claimed that cycling was unladylike or even harmful to <sup>(5)</sup> women's health. Medical professionals warned of "bicycle face"—a supposed medical condition caused by the strain of riding—and some claimed that the activity could damage reproductive organs\*\*. These anxieties reflected broader concerns about changing gender roles.

Such criticism was also tied to fears about changes in women's fashion, which began to shift in order to meet the practical needs of cycling. Traditional women's clothing, such as corsets and long skirts, made cycling difficult and even dangerous. , women began adopting bloomers and other forms of more practical, loose-fitting clothing. These fashion changes were controversial, but they helped establish the way women dress today.

In the 20<sup>th</sup> century, bicycles continued to shape ideas about gender roles in free time, work, and travel. In some parts of the world, especially during wartime or economic hardship, bicycles provided working-class women  a crucial means of getting to work and the market. More recently, in many developing countries, bicycles have become tools of support for girls and women seeking access to education and healthcare.

While the bicycle's impact on gender dynamics varies by cultural and historical context, its broader legacy\*\*\* is clear: it has served as both  vehicle for women's freedom. From the suffragists of the 1890s to contemporary development initiatives, the bicycle has helped challenge traditional gender roles and expand women's opportunities around the world.

\*emancipate 解放する

\*\*reproductive organs 生殖器官

\*\*\*legacy 遺産

問 1 空欄  に入れるべき最も適切な語を①～④の中から1つ選びなさい。

- ① communication                      ② education  
③ medicine                                ④ transportation

問 2 第2段落(The modern bicycle ... their own bodies.)の内容と一致するものを①～④の中から1つ選びなさい。

- ① Early bicycles with large front wheels were considered safer for women to use.  
② The bicycle boom started in the 1860s and was only popular among men.  
③ The first bicycles in Europe were made in the 1880s and had two equal-sized wheels.  
④ The safety bicycle became popular at the same time that women were fighting for more rights.

問 3 空欄  に入れるべき最も適切な語句を①～④の中から1つ選びなさい。

- ① female beauty                          ② female exercise  
③ female independence                ④ female operations

問 4 下線部(4) the domestic sphere の言い換えとして最も適切な語句を①～④の中から1つ選びなさい。

- ① the circle                                ② the country  
③ the home                                ④ the private room

問 5 下線部(5) controversy の要因として適切でないものを①～④の中から1つ選びなさい。

- ① Some people believed that cycling was harmful to the physical condition of women.  
② Some people believed that riding a bicycle made women less feminine.  
③ Some people were disturbed by the untraditional clothing worn by some female cyclists.  
④ Some people worried that women might get involved in traffic accidents.



〔V〕 次の文章を読み、問に答えなさい。

Hiroshi had just touched the button on the ATM screen to confirm his 1 to withdraw five hundred thousand yen from his bank account when the ATM suddenly began speaking to him. “Are you sure you want to take out that much money, Mr. Abe?” it said in a soft, polite voice. In a surprised and somewhat hesitant tone, Hiroshi replied, “Yes.” The ATM replied, “Mr. Abe, you seem a little stressed. Is there anything I can help you with?” Hiroshi became irritated and said, “No, I’m in a hurry and need to withdraw this money and meet a car dealer to make a down payment on a new car. I’m running late and really need to get going, so could you please just give me my money?” The ATM concluded that Hiroshi’s stress was not related to a possible scam\* and issued the money.

Twenty years ago, this futuristic science-fiction movie scene would have sounded like simple fantasy, but now some researchers claim that it is rapidly becoming possible 3 advancements in artificial intelligence, commonly called AI, continue to be made. AI was first conceptualized in the 1950s when <sup>(4)</sup> scientists began to consider the possibility of a machine being able to make intelligent decisions. Mathematician Alan Turing was the first person to consider the question, “Can machines think?” in his 1950 paper, “Computing Machinery and Intelligence.” It was the study of logic, led by Turing, that resulted in the development of programmable computers. Turing thought that a mechanical device, like our modern day computers, could be programmed to simulate any type of thinking. It was believed that human intelligence could be clearly defined and thus programmed into the thinking process of machines.

Today, advancements in AI are making it clear that a highly sophisticated “thinking machine” is no longer just an idea. In March of 2013, a computer beat a professional shogi player for the first time ever. A year prior, a <sup>(6)</sup> computer had defeated a retired shogi player but the win in 2013 was the first

ever for a computer against an active professional player. The win was accomplished by a program called Ponanza, which was developed by a University of Tokyo student. In 2017, Ponanza beat an active Meijin, the most prestigious title in shogi. Now, top players in both shogi and chess regularly use AI programs to practice and enhance their skills. Whether we can say that these “thinking machines” are self-aware or feel happy about winning, however, is up for debate.

8 the recent success of large language models (LLMs) such as Gemini and ChatGPT, some experts in the field think that as AI becomes more intelligent, it will eventually become conscious. Some even believe that AI is already conscious, and therefore we should treat it as such. Still others argue that AI is far from achieving artificial general intelligence (AGI) and that LLMs merely memorize patterns rather than perform actual “reasoning” as a human would. Since we do not perfectly understand how LLMs work internally, some people also question the safety of these “thinking machines,” and whether it is appropriate to create them without completely understanding the consequences.

Today, we use AI as chatting partners, to find information faster, to generate images and music, and even to make our living spaces more comfortable and convenient. Though it is difficult to determine how close we are to creating self-aware machines, what is 9 is the extent to which AI has and will increasingly become an important part of our daily lives.

\*scam 詐欺

問 1 空欄 1 に入れるべき最も適切な語を①～④の中から1つ選びなさい。

- ① confusion    ② desire    ③ excitement    ④ regret

問 2 第1段落(Hiroshi had just ... issued the money.)の内容と一致するものを

①～④の中から1つ選びなさい。 2

- ① Hiroshi was comfortable talking with the ATM while he withdrew money from his bank account.
- ② Hiroshi was pleased that the ATM was speaking to him in a respectful tone.
- ③ The ATM saw that Hiroshi was stressed and it wanted to make sure he wasn't being tricked into paying for something.
- ④ The ATM was worried because it knew that Hiroshi didn't have much money in his bank account.

問 3 空欄 3 に入れるべき最も適切な語を①～④の中から1つ選びなさい。

- ① as            ② for            ③ in            ④ on

問 4 下線部(4) conceptualized の言い換えとして最も適切なものを①～④の中から1つ選びなさい。 4

- ① imagined    ② manufactured ③ perfected    ④ witnessed

問 5 第2段落(Twenty years ago, ... process of machines.)の内容と一致するものを①～④の中から1つ選びなさい。 5

- ① Artificial intelligence began in the 1950s and has resulted in machines that can think and feel just like humans.
- ② Scientists thought it was possible to program computers to think with intelligence like human beings.
- ③ Some people disagree with the intelligent computers that have been created because they are so human-like.
- ④ Some people question whether the decisions made by computers are always intelligent.

問 6 下線部(6) A year prior が示す年を①～④の中から1つ選びなさい。

6

- ① 2011            ② 2012            ③ 2013            ④ 2014

問 7 第3段落(Today, advancements in ... up for debate.)の内容と一致するものを①～④の中から1つ選びなさい。 7

- ① AI has become a useful tool for shogi players to improve their abilities.
- ② In 2013, a University of Tokyo professor beat a professional shogi player for the first time.
- ③ Once we succeed in programming a computer to consider all responses to a question, we will have created a self-aware machine.
- ④ Scientists have finally succeeded in making a computer that is aware of itself.

問 8 空欄 8 に入れるべき最も適切な語(句)を①～④の中から1つ選びなさい。

- ① Although    ② Due            ③ In addition    ④ With

問 9 空欄 9 に入れるべき最も適切な語を①～④の中から1つ選びなさい。

- ① certain      ② debatable    ③ smart          ④ unlikely

問10 本文の内容と一致するものを①～④の中から1つ選びなさい。 10

- ① Computers have become so advanced that they are taking jobs away from people.
- ② Progress in artificial intelligence, especially in recent years, has changed many aspects of our lives.
- ③ The computer victory in a shogi match against a current professional signaled the final step for artificial intelligence.
- ④ What used to be science fiction is now reality thanks to the creation of self-aware computers.