

英 語

(医 学 部)

— 2 月 3 日 —

解答はすべて解答用紙に記入して提出しなさい。

次の英文を読み、問1、問4～問7、問10、問11は文を完成させ、問2、問3、問8、問9は問いに答えなさい。
答えは最も適切なものを、それぞれア～エの中から一つ選びなさい。問12は指示に従ってTかFを選びなさい。

Since 1662, the British Library has been a legal deposit library, which means that writers and publishers are obliged to send the library a copy of any book that is published in the U.K. It is now home to over 150 million books, manuscripts, and other written items. Perhaps surprisingly, however, it is not only written records of civilization that are stored in this huge repository; a section known as the National Sound Archive houses the largest collection of recorded sound in the world. Sadly, due to a lack of adequate funding, insufficient public awareness, and material deterioration, thousands of these 6.5 million sounds, including everything from the voice of Florence Nightingale recorded in 1890 to rare recordings of 1950s jazz, are currently under threat of being lost forever.

The idea of a library of sound began in the 1930s. A 16-year-old named Patrick Saul was a fan of the English violist Lionel Tertis. Saul had read about a Tertis arrangement of a piece by the Hungarian composer Dohnányi. He rushed to a London music shop to pick up a recording, only to be told that it was no longer available. He later recalled that learning his chance of listening to a record by an artist like Tertis could simply vanish was akin to hearing about a personal loss for the first time. In desperation, he rushed to the British Museum and demanded to see their record archive, only to be told by its director that they did not have one.

The devastated Saul made it his lifelong ambition to establish a place to accumulate and preserve all aspects of sound from the spoken word, wildlife, and environmental sounds, to drama and every type of music. While impressed by his obvious knowledge, the Director of the British Museum did not take his idea for a sound archive seriously and told him to come back when he was older. Unfortunately, the outbreak of the Second World War in 1939 delayed Saul's plans, and it took another 16 years of writing letters and fundraising to finally galvanize enough support from donors and the public to convince the British Museum to open its first sound compendium, then known as the British Institute of Recorded Sound, with Saul in charge. (A)

In 1983, the project was adopted by the British Library and given its current name: the National Sound Archive. The earliest sounds in the repository, recorded on wax cylinders from the 1880s, feature two Hindi lullabies sung by a female school teacher in India. Saul's personal favorite recording in the library was the mating call of a North Atlantic fish. More recent sounds in the archive include all kinds of popular music, from analogue recordings of rock and roll all the way through to 21st century digital recordings. All of these sounds are stored together with older analogue discs, tapes, and cylinders in 40 different formats.

The archive faces two distinct threats. The first is decay. The physical objects sit in a building four floors below the streets of London, where they battle against the corrosive nature of time. Some of the most fragile recordings are falling apart due to mold, which rots and digests the material it grows upon. The second vulnerability is that as the technology needed to play the recordings disappears, many formats will become unplayable in as little as ten years. In a race against time, engineers are rushing to digitize the whole collection before it becomes irrecoverable. However, the anthology is vast; in fact, it would take 120 years for one person to listen to everything. Although listening to each sound is not a necessary part of the process, in 2014, when five engineers first started digitizing the collection, they were able to proceed at a rate of just 20 items per person per

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次の英文を読み、下線部(1)と(2)を日本語に訳しなさい。英単語をそのまま転記したり、カタカナを使用したりしないこと。

Vaccinations protect us from diseases such as tetanus, measles, and some kinds of influenza. New strains of flu can spread so quickly, however, that there is little time to develop vaccines for them. Doctors and scientists have expressed concern that the outbreak of a new flu strain would affect millions. The World Health Organization (WHO) has started the Global Influenza Strategy to protect the world from this threat. Among the components of the initiative is a framework for individual countries to implement their own preparation procedures for pandemic infections. The WHO's mandate aims to improve public health, drawing on the collaborative efforts of medical scientists as well as experts in civil society and industry. Aligned as they are with the organization's goals, the objectives are to tackle the current lack of medical care in many regions and achieve universally affordable health care. The WHO intends to meet these objectives by the year 2030.

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次の文を読み、下線部(1)と(2)を英語に訳しなさい。

From the earliest times, Egyptian art was developed in the service of the empire's rulers. One of the tasks of ancient Egyptian artists, therefore, was to depict pharaohs as gods. Artistic innovations were generally introduced by the master craftsmen in the pharaoh's court. These new ideas and styles were then copied carefully by lesser craftsmen who worked for ordinary Egyptians. Early artwork was either carved in stone or painted on surfaces. これらの作品に表現されている像は二次元だった。つまり、誰かがそのうちの一つを見ても、彼らはそこから深さとか空間の感覚を得ることはなかっただろう。 Craftsmen from the Fourth Dynasty, however, produced wonderful wall paintings of people's daily lives and the birds and plants that filled them. これらの絵は、墓の壁で発見される傾向があり、そこでは、死者にまるですでに天国の楽園にいるかのように感じさせようと意図されているのだ。

day. It was estimated that the project would take 47 years to complete.

Regrettably, sound recordings are an underappreciated aspect of cultural heritage. By the beginning of 2019, 7.5% of the archive had been digitized. To remedy this situation, the British Library has promoted its sound catalogue through engaging public awareness campaigns and articles in the press. To date, the campaign has raised £40 million to speed up the digitization process and protect the most at-risk recordings. Ten additional digitization centers have also been opened across the U.K., meaning that preservation work can continue apace. Collecting and saving these sounds are important; they provide a living picture of a changing world. Listening to these recordings is like traveling through time and hearing voices and sounds that we may otherwise never hear. Nevertheless, their preservation remains an intimidating but critical challenge.

問1 According to the first paragraph, it can be inferred that a legal deposit library _____.

- ア. is authorized to create and administer matters of British law
- イ. primarily focuses on the collection of books about history
- ウ. requires publishers and writers to submit copies of their work
- エ. is home to publishers and writers from around the world

問2 According to the first paragraph, which statement is **NOT** true about the British Library Sound Archive?

- ア. It suffers from an absence of appropriate financing.
- イ. Not enough people are aware of its existence.
- ウ. It struggles to find enough items for its collection.
- エ. Some of its recordings are in poor condition.

問3 According to the second paragraph, what contributed to the idea of a sound archive?

- ア. a London record shop closing down
- イ. a recording performed by a Hungarian
- ウ. the death of a famous composer
- エ. the unavailability of a musical piece

問4 According to the second paragraph, it can be inferred that Saul felt _____ after his experience in the music shop.

- ア. grief
- イ. pleasure
- ウ. embarrassment
- エ. relief

問5 According to the third paragraph, Saul's idea was treated lightly because of his _____.

- ア. limited funds
- イ. poorly written letters
- ウ. lack of ambition
- エ. perceived immaturity

問6 According to the third paragraph, Saul's project was delayed by the _____.

- ア. outbreak of global hostilities
- イ. huge variety of items
- ウ. age of the Director
- エ. opening date of the museum

問7 In the third paragraph, compendium is closest in meaning to _____.

- ア. recording
- イ. regulation
- ウ. contract
- エ. collection

問8 What is the main purpose of the fourth paragraph?

- ア. to highlight some of the most interesting aspects of the collection
- イ. to illustrate how some items in the collection come from overseas
- ウ. to explain why the name of the sound archive was changed
- エ. to contrast Indian lullabies with the sounds of nature

問9 According to the fifth paragraph, what is one of the biggest threats to the sound archive?

- ア. the rushed nature of the efforts so far
- イ. the building going on in the city of London
- ウ. the lack of equipment for playing old recordings
- エ. the damage the engineering process causes

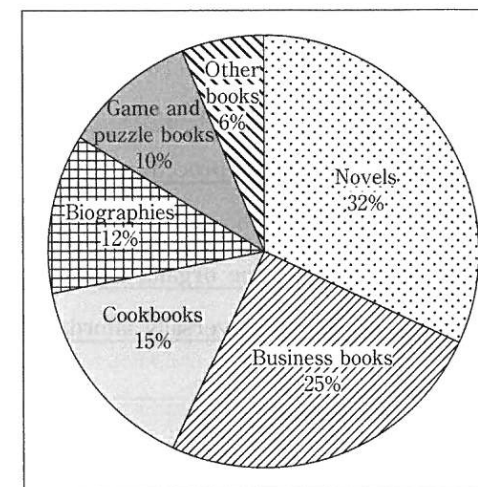
問10 According to the fifth paragraph, it was estimated that the digitization process would take 47 years to complete because _____.

- ア. a larger variety of recording devices is necessary
- イ. too few engineers were working on the project
- ウ. listening to everything slows down the process
- エ. it takes 20 days to process one item completely

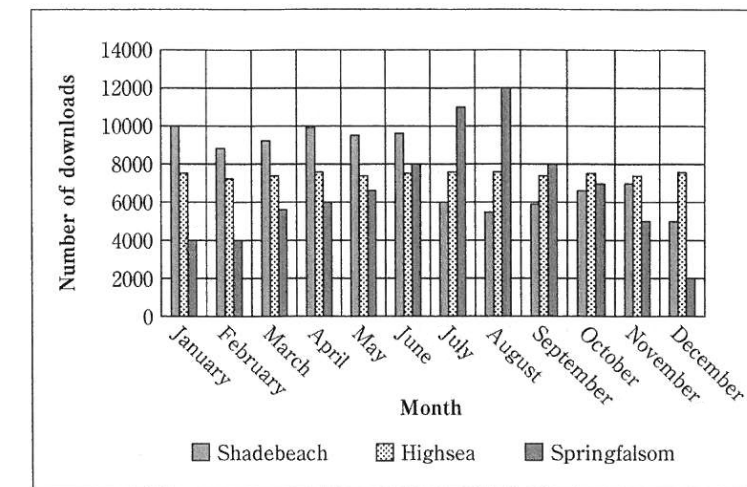
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次のグラフを見て、英文の空所(1)～(4)に入る最も適切なものを、それぞれア～エの中から一つ選びなさい。

Types of E-Books Purchased (2018)



Number of E-Books Purchased at Three Online Bookstores (2018)



—— 上記のグラフは架空のものです ——

The above pie chart shows the breakdown of three online bookstores' 2018 electronic book (e-Book) sales by genre. The bar graph indicates the total number of e-Books that were sold by these retailers in each month of 2018. It is evident from the pie chart that novels were the most popular genre, making up nearly (1) of the total sales of e-Books. They accounted for (2) more percentage points than business books and cookbooks, respectively. According to the bar graph, in January, Springfalsom was ranked third in total purchases, but, from (3), surpassed the other two bookstores. This was thanks, in part, to the success of their publicity campaign for Tim Tighthead's *Surviving in Nature* cookbook. In 2018, purchases at Highsea (4), and from October and December they were the most successful of the three bookstores.

- | | | | |
|----------------------------|------------------------------------|----------------------------|-----------------------------|
| (1) ア. one-quarter | イ. one-third | ウ. one-half | エ. two-thirds |
| (2) ア. 7 and 17 | イ. 17 and 7 | ウ. 15 and 25 | エ. 25 and 15 |
| (3) ア. February to April | イ. April to June | ウ. July to September | エ. September to December |
| (4) ア. reached 9,000 twice | イ. hovered between 6,000 and 8,000 | ウ. dipped sharply in April | エ. rose dramatically in May |

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次の問1～問4の英文を読み、話の流れに沿って意味が通るように並べ替えた場合、最も適切なものはどれか。それぞれア～エの中から一つ選びなさい。

- 問1 1. A good example is *The Maybe*, presented in 2013 by British actress Tilda Swinton.
 2. Performance art usually features a live presentation that is unusual and surprising.
 3. The MoMA gave no explanation, but critics thought *The Maybe* invited questions about life and death.
 4. Swinton napped in a glass box at New York's Museum of Modern Art (MoMA) without any published schedule.

ア. 2 → 1 → 3 → 4 イ. 2 → 3 → 1 → 4

ウ. 2 → 1 → 4 → 3 エ. 2 → 3 → 4 → 1

- 問2 1. Then, in 2006, the International Astronomical Union (IAU) declared that Pluto should no longer be counted as a planet.
 2. For more than 70 years, Pluto was considered one of nine planets in our solar system.
 3. According to the IAU, a planet must dominate all other objects around it in space, but Pluto does not do so.
 4. Some scientists, however, believe that, according to this criterion, the Earth is not a planet, either, so the issue is not yet resolved.

ア. 2 → 1 → 3 → 4 イ. 2 → 4 → 1 → 3

ウ. 2 → 1 → 4 → 3 エ. 2 → 4 → 3 → 1

- 問3 1. Both laughter and tears, however, are related to the body's production of the chemical dopamine, which eases stress.
 2. In fact, research suggests that the same part of the brain may control both laughing and crying.
 3. This may seem strange because laughter usually expresses joy, while tears indicate sadness.
 4. Have you ever laughed so hard that you found yourself crying?

ア. 4 → 1 → 2 → 3 イ. 4 → 3 → 1 → 2

ウ. 4 → 1 → 3 → 2 エ. 4 → 3 → 2 → 1

- 問4 1. They use this "broken window fallacy" to argue that acts of destruction do not, in fact, benefit the economy.
 2. Many people assume that this will be good for the economy because his parents must spend money to replace the glass.
 3. Imagine that a boy breaks a window.
 4. Others, however, point out that they will not be able to spend their money on something else.

ア. 3 → 2 → 1 → 4 イ. 3 → 4 → 1 → 2

ウ. 3 → 2 → 4 → 1 エ. 3 → 4 → 2 → 1

問11 According to the final paragraph, digitization work has most likely been facilitated by _____.

ア. selling catalogues to the public

イ. articles in newspapers

ウ. sound collection techniques

エ. limiting its scope

問12 According to the passage, mark "T" if the statement is true and mark "F" if the statement is false.

1. Other countries have larger sound archives than the U.K.'s.

2. The British Institute of Recorded Sound opened in 1955.

3. The majority of the archive's sounds have been converted to digital format.

4. Millions of pounds have been donated to the British Library for the future of the sound archive.

次の1～10の英文の空所に入る最も適切な語(句)を、それぞれア～エの中から一つ選びなさい。

1. A hypothesis () long-held assumptions about the insect's life cycle has recently been proposed.
ア. rejects イ. being rejected ウ. has rejected エ. rejecting
2. If I am being perfectly honest, our professor is () than strict.
ア. mean イ. more mean ウ. more meaner エ. meaner
3. Andrew was ashamed of () hard enough to get the promotion he was hoping for.
ア. not having his worked son イ. not worked having his son
ウ. his son not having worked エ. having not his son worked
4. The executive board members found the president's understanding of the situation to be ().
ア. impression イ. impressive ウ. impressively エ. impress
5. () on the top floor of the library, he seldom gets distracted by other people making noise.
ア. Studying as he does イ. Does he as studying
ウ. As he studying does エ. He does studying as
6. I can't believe how busy the temple is! I've never seen () many people here before.
ア. that イ. those ウ. these エ. this
7. () that the media was caught completely by surprise.
ア. So shocking results were the election イ. Shocking so were the election results
ウ. So shocking were the election results エ. Shocking so the election results were
8. My wife bought some financial planning software () our taxes more efficiently.
ア. to do with which イ. which to do with
ウ. with to do which エ. with which to do
9. Professor Gutzman continually changed the subject to avoid () questions about his retirement.
ア. to ask イ. asked ウ. being asked エ. ask
10. () we decide to sell at the festival tomorrow morning, Tomas and Sara are in charge of buying the ingredients for it.
ア. Whatever イ. Whoever ウ. Whenever エ. Wherever

7. When Jerome says "Don't make a mountain out of a molehill," he most likely means Floyd should _____.
ア. escape to some higher ground
イ. stop exaggerating the problem
ウ. research how to handle snakes
エ. check the small mammal exhibit
8. According to the dialogue, Jerome thinks that Doris is probably _____.
ア. in her own enclosure
イ. accustomed to zoo visitors
ウ. looking for some breakfast
エ. a threat to the guests
9. According to the dialogue, Huey is probably _____.
ア. completing his usual chores
イ. putting up a barrier
ウ. looking for the snake
エ. trying to fix his radio
10. What is Floyd most likely going to do after this dialogue?
ア. close down the zoo
イ. find a place to hide
ウ. change his clothes
エ. help search for Doris

Floyd: Jerome! Emergency at the reptile house! Doris has escaped!

Jerome: Wait, who's Doris? The new staff member? Why are you so anxious? You're all sweaty.

Floyd: No, Jerome, Doris is the name Huey gave the new bull snake. He just told me over the radio that she was there last night when he switched off all the lights and early this morning when he fed her, but now she's nowhere to be seen! He said he's too busy right now to search by himself, and then he hung up. Now he's not answering! I think we should shut down the zoo; she might attack the guests!

Jerome: Don't make a mountain out of a molehill, Floyd; there's absolutely no need for that. Research shows that bull snakes aren't dangerous to humans. Doris will be far more scared of the guests than they are of her. Are you sure she isn't hiding under a rock in the exhibit? Snakes are cold-blooded; even though it's sunny, on an icy morning like this, she'll be trying to get warmed up, especially because she's probably slowly digesting her breakfast.

Floyd: Jerome, you know I hate snakes; I haven't been there to check myself, and I'm not looking for her. Huey seemed pretty certain she's not in her exhibit; she could be anywhere! She could be slithering right by us as we speak! What's that over there? Is that something moving near the penguin enclosure?

Jerome: Floyd, calm down. I doubt she's out of her usual home, and if she is, she's somewhere very close to it. We'll close down the reptile house until we know that Doris is safely in her enclosure. Tell Huey to close and lock all the doors and put up a temporary barrier with our traffic cones over there. We'll post signs telling the guests that the reptile house is closed until further notice.

Floyd: Huey isn't answering his radio! I'd really rather not go over there; I try to avoid it at all costs.

Jerome: Huey's scheduled to feed the elephants right now, and they don't like the sound of the radio. I'll go over there myself and see if I can find Doris. The key thing in situations like this, Floyd, is not to panic. You're going to worry the guests, running around and shouting about escaped snakes, and that doesn't help anyone, especially Doris.

Floyd: OK, boss, but if you don't mind, I think I'll wait in the locker room or somewhere peaceful like the koala pen—somewhere Doris can't find me.

6. According to the dialogue, Floyd is most likely sweaty because he _____.
- ア. feels hot from the morning sun
 イ. has been busy training new staff
 ウ. was chasing Doris around earlier
 エ. is very nervous about something

3

次の1～10の英文を読み、下線部の意味に最も近い語を、それぞれア～エの中から一つ選びなさい。

- Economic growth, given certain conditions, can alleviate poverty in the long run.
 ア. bypass イ. imply ウ. demand エ. lessen
- Good manual dexterity is a key requirement for this job; mine is simply not enough.
 ア. creativity イ. agility ウ. honesty エ. responsibility
- Developing this technology will likely require astronomical amounts of money.
 ア. enormous イ. minimum ウ. sensible エ. plain
- Dennis was taken aback when he heard that Amy was thinking of suing him.
 ア. surprised イ. amused ウ. interested エ. satisfied
- Caroline has been frantically searching for her cell phone; she lost it last night.
 ア. optimistically イ. carefully ウ. desperately エ. widely
- The lack of transparency in vote-counting raised the ire of the city's citizens.
 ア. question イ. anger ウ. patriotism エ. sadness
- Since the introduction of English classes in elementary schools, English schools for children are proliferating all over Japan.
 ア. improving イ. competing ウ. multiplying エ. teaching
- The atmosphere of secrecy at the top management level is a source of employee dissatisfaction.
 ア. confidentiality イ. flexibility ウ. identity エ. rigidity
- Before animal rights activists began their protests, these performing seals lived in appalling conditions.
 ア. natural イ. fragile ウ. quiet エ. terrible
- More consumers are beginning to read labels for information pertaining to the nutritional quality of food.
 ア. questioning イ. increasing ウ. threatening エ. regarding

- 4 次の2つの会話文を読み、1～4、6～9は意味・内容に合うように文を完成させ、5、10は問いに答えなさい。
答えは最も適切なものを、それぞれア～エの中から一つ選びなさい。

Alice: Hey, Helen! How was your week off? You look so tanned; I hope you had a wonderful time.

Helen: I'm really glad to be back; it wasn't quite the break from work I was hoping it would be. In fact, I think I'll need another vacation just to recover from this one!

Alice: What? Wasn't it a beach holiday? I thought you and your husband were looking to get out of the city and put your feet up for seven days! It sounded a lot more fun than my camping trip....

Helen: That was the idea, Alice, but sometimes the best plans go wrong. It all started at the airport. Chad got back from the office a little late because he was so busy making sure he hadn't left any unfinished paperwork. Then he had to print out our plane tickets. He's usually very well-organized, but somehow, in the rush to get to the airport on time, he remembered everything except his passport.

Alice: Unbelievable! I'd have left him in the airport and gone by myself!

Helen: Fortunately for us, my parents had given us a ride, so my dad was able to rush back home and grab it. Can you believe Chad had left it on top of the fridge? It took a while for my dad to find it. Waiting for that passport was the longest 80 minutes of my life. We asked the staff if they would allow us a late check-in, but fortunately my dad made it just before they closed. Any longer, and I'm pretty sure they wouldn't have let us through. The staff had to help us rush through security, and we got to the gate with seconds to spare.

Alice: All went well from there, though, right?

Helen: Perfect—until we arrived at our hotel and they couldn't find our booking. We had to wait around in the foyer of the hotel while they called the travel agent to confirm our room.

Alice: Oh dear! Did it get sorted out?

Helen: That was our one piece of good luck. The room we booked had been given to other guests, so they upgraded us to a penthouse suite. But then it rained nearly every day! We got to spend more time in that room than I would have liked. Chad got a cold, and I had an upset stomach. But the last couple of days it cleared up, and we sat by the pool soaking up as much of the sun as possible.

Alice: So, not a total disaster! You were able to get a little rest.

Helen: A little, but when we got off the plane this morning, our bags were nowhere to be found. The airline seems to have put them on the wrong plane!

1. According to the dialogue, Helen has just returned from a _____.

- ア. seaside break
- イ. work trip
- ウ. city excursion
- エ. camping tour

2. When Alice says "put your feet up," she most likely means _____.

- ア. make a detailed plan
- イ. hike up a mountain
- ウ. have a relaxing time
- エ. take a long drive

3. According to the dialogue, when they first got to the airport they realized Chad had _____.

- ア. misplaced some paperwork at the office
- イ. left his passport at home
- ウ. forgotten to prepare the tickets
- エ. gotten the times mixed up

4. According to the dialogue, Helen was able to make her flight on time because _____.

- ア. she left Chad at the airport by himself
- イ. Chad was permitted to skip the security checks
- ウ. her father drove back and got what was needed
- エ. the staff allowed her to do a late check-in

5. According to the dialogue, what was **NOT** true about Helen's vacation?

- ア. There was a problem with the hotel reservation.
- イ. They both got sick and had to stay in their room.
- ウ. The weather at the resort was terrible at the start.
- エ. Their hotel room was worse than they had expected.