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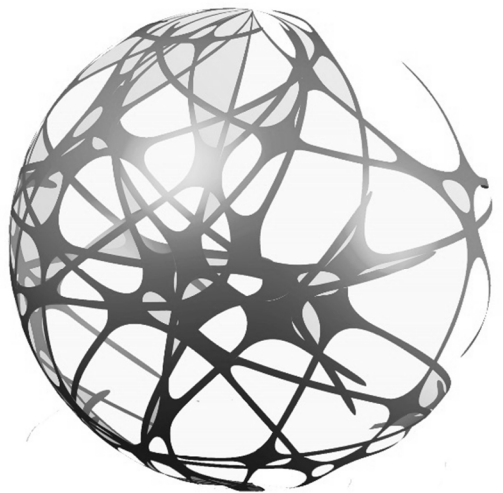
# 実戦演習

高3 英語 第3回

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English 英語



# 英 語 (リーディング)

各大問の英文や図表を読み、解答番号  ~  にあてはまるものとして最も適切な選択肢を選びなさい。

## 第1問 (配点 10)

A You come back home to find a message from your mother on your desk.

I'm really sorry. I had promised to go shopping with you this evening, but I can't. Grandpa phoned me to say that Grandma fell down the stairs and broke her arm. I have to go to Grandma's home now to prepare for her hospital stay. Depending on her condition, I may stay there for several days. I left some money on the table in the living room, so please make do with that.

By the way, Dad said he would be late coming home today, so you don't have to prepare dinner for him.

Call me if you need anything.

問1 What is your mother most likely to have done after writing this message?

1

- ① Called an ambulance.
- ② Gone to Grandma's house.
- ③ Phoned Grandpa.
- ④ Prepared dinner for you.

問2 What can you tell from this message?

2

- ① Your father is going to drop by the hospital before coming back home.
- ② Your grandmother does not live with you.
- ③ Your grandmother was injured because of a traffic accident.
- ④ Your mother does not want to go shopping with you.

**B** You are looking at the website of Wakaba University in Japan, and you find an interesting contest announcement. You are thinking about participating in the contest.

## **Wakaba University Writing Contest for High School Students**

This creative writing contest hosted by Wakaba University is open to high school students of all ages. You can submit your work in any of the three categories: poem, short story and essay.

### **Application Requirements**

Please read the following before submitting your work:

- (1) Applicants must be high school students.
- (2) All entries must be original works.
- (3) You may submit entries to more than one category at a time.
- (4) The word limits below must be strictly adhered to.

**Poem:** 2,000 words or less

**Short Story:** 8,000 words or less

**Essay:** 2,000 words or less

- (5) Entries that have been previously submitted to other contests are acceptable unless they have already won a prize.
- (6) All entries must be typed. Include your full name, address, and the title of the work on the first page of the work.
- (7) All entries must be sent via email to [writingcontest@wakaba-u.ac.jp](mailto:writingcontest@wakaba-u.ac.jp).

### **Awards**

Significant works in each category will be awarded the Grand Prize or the Encouragement Prize.

**Grand Prize:** A certificate, a trophy and 100,000 yen

**Encouragement Prize:** A certificate and 30,000 yen

### **Schedule**

Submissions will be accepted August 1 through September 30.

A list of winners will be posted online by November 1.

The award ceremony will be held at Wakaba University on November 23.

問1 If you participate in the Wakaba University Writing Contest, you must submit your work .

- ① by November 1
- ② by the end of November
- ③ in August and September
- ④ on August 1

問2 When submitting your work, .

- ① the work must be within 2,000 words
- ② you have to be a student at Wakaba University
- ③ you have to ensure that it has not yet won a prize in other contests
- ④ you must type your full name, address, and the title on all the pages

問3 If your work is chosen as the Grand Prize, .

- ① you will be awarded a trophy, a certificate, and 100,000 yen
- ② you will be invited to the award ceremony on November 1
- ③ you will receive a certificate and 10,000 yen
- ④ your name will appear online on November 23

## 第2問 (配点 20)

A You are planning a camping trip for your 18th birthday next month. You are looking at the website of a campground your friend told you about.

〈 Stone River Campground 〉			
Stone River Campground is rich in nature with a river flowing nearby and many kinds of animals. We have more than 30 cottages and well-equipped facilities, which allow even beginners to camp comfortably. Only small dogs and cats are allowed.			
Charges:	Adult	Child (Under 15 years old)	Pet
1 Night	\$10	\$5	\$3
2 Nights or more	\$9 / night	\$4 / night	\$3 / night

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<p><b>Cottage</b> Each of our cottages is equipped with four beds, a refrigerator, and a TV. The cottages themselves don't have Wi-Fi access, but rental Wi-Fi devices are available for \$2 per night if you need to access the Internet.</p> <p><b>Cooking</b> The public area, which is located outdoors, has kitchens for several families and you can cook only there. Cooking utensils are available with no additional fee. If you need them, just let us know when you make a reservation. There is a supermarket near the campground, so you don't have to bring large amounts of food from home.</p> <p><b>Others</b> Shower rooms are in the public space and you can use them for up to 20 minutes a day. In the shower room, you can use amenities such as soap and shampoo, which are offered at the reception. As for garbage disposal, please dispose of food scraps in the garbage dump and take home all other garbage with you.</p>	<p><b>Comments from users</b></p> <ul style="list-style-type: none"><li>● The campground is easy to access because it is a ten-minute walk from the station. For those who have a lot of baggage for camping, free shuttle buses are in service from the station to the campground. On the other hand, if you want to bring your pet, it is the best to drive there yourself.</li><li>● When I went deep into the forest of the campground, I saw various animals such as deer, squirrels, and woodpeckers. Also, many people were camping with their pets, so I felt as if I was in a small zoo!</li><li>● I was happy to see my wife and kids enjoying nature. But unfortunately, we couldn't make a campfire because the use of fire is banned in the campground except in the public area, which was so crowded that it would have been impossible for my family to enjoy a campfire alone.</li><li>● My first time camping with my dog was very exciting. However, I regret forgetting to bring a pet cage because my dog was so excited that he ran around in the cottage while I was sleeping.</li></ul>
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問1  are two things that are true about the campground.

A : All kinds of animals are allowed to be brought to the campground.

B : Most of the animals there are protected by the staff.

C : You can rent a Wi-Fi device by paying an additional fee.

D : You can use the shower rooms as long as you want.

E : You may not cook in the cottage you are staying in.

- ① A and B
- ② A and C
- ③ B and D
- ④ C and E
- ⑤ D and E

問2 If you break your flashlight in the campground and you want to dispose of it, you need to .

- ① ask the staff to throw it away
- ② bring it to the reception
- ③ take it back home with you
- ④ throw it in the campground garbage dump

問3 To use cooking tools belonging to the campground, you have to .

- ① apply for them on the day of camping
- ② pay an additional fee
- ③ reserve them in advance
- ④ show your identification

問 4 If you are planning to camp with your 17-year-old friend and your two pet dogs for two nights, the total fee will be .

- ① \$28
- ② \$32
- ③ \$48
- ④ \$52

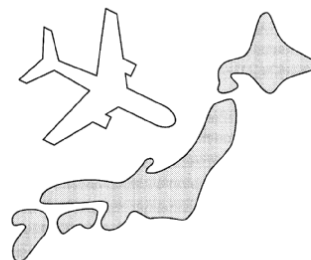
問 5 One fact stated by the users of the campground is that .

- ① a pet cage is important to spend time with your pet in the cottage
- ② camping with animals there is as exciting as touring a zoo
- ③ you are allowed to have a campfire in a limited area
- ④ you have to drive there because there isn't much transportation



**B** You are the editor of “Wanna See Japan,” an English website promoting tourism in Japan. You have received an article from David, an American travel journalist, in which he wrote about Japan’s international airports and sightseeing spots.

More than half of the tourists visiting Japan use two airports: Narita International Airport (NRT) and Kansai International Airport (KIX). NRT had long been the most important airport in Japan, but in recent years KIX has become increasingly popular, especially among travelers from Asian countries.



Do you know which country or region sends the most visitors to KIX? In 2019, China ranked first, South Korea second, Taiwan third, Hong Kong fourth, and Thailand fifth. So, where do these people visit after arriving at KIX?

An analysis of search data from a navigation app for tourists visiting Japan shows that Osaka Castle is most frequently searched by foreign tourists, followed by Kinkakuji Temple, Nara Park, Tokyo Tower, Fushimi Inari Shrine, Dotonbori, and Universal Studios Japan. Amazingly, three of the top seven spots are in Osaka.

Why is Osaka so popular among foreign visitors to Japan? According to the 2017 survey of 1,236 foreign tourists at KIX, the reasons for choosing Osaka as a destination were as follows: 48% of them said it was an attractive place to visit, 44% said the food was appealing, and 41% said shopping was attractive. 26% of them said they would visit Dotonbori, where almost all of them wanted to enjoy Osaka’s unique cuisine such as *takoyaki*, *okonomiyaki*, and *kushikatsu*.

It is hoped that KIX will be crowded with more foreign tourists in the future: the World Exposition will be held in Osaka in 2025. Approximately 28 million people are expected to visit the Expo over the period of six months.

問1 According to David's article, which of the following statements is true about Japan's international airports?

- ① KIX is an international airport that operates 24 hours a day.
- ② More than half of the foreign visitors to Japan arrive at KIX.
- ③ NRT and KIX are the only international airports in Japan.
- ④ The popularity of KIX is on the rise these days.

問2 Which of the following was ranked fourth in terms of the number of foreign visitors to KIX in 2019?

- ① Hong Kong
- ② South Korea
- ③ Taiwan
- ④ Thailand

問3 According to the 2017 survey of foreign tourists at KIX, about a quarter of the respondents wanted to visit Dotonbori because .

- ① it is a very beautiful place to see
- ② it is close to Osaka Castle and KIX
- ③ it is where they can find Osaka's unique cuisine
- ④ it is where you can buy almost anything

問4 Which is the third most frequently searched place on a navigation app by foreign visitors to Japan?

- ① Dotonbori
- ② Fushimi Inari Shrine
- ③ Kinkakuji Temple
- ④ Nara Park
- ⑤ Tokyo Tower
- ⑥ Universal Studios Japan

問5 Which is the most suitable title for the article?

- ① KIX and Sightseeing Spots in Osaka
- ② Popular Sightseeing Spots in Japan
- ③ Positive Impacts of the Expo 2025 Osaka
- ④ The Battle between NRT and KIX

第3問 (配点 15)

A You are interested in going on a day trip. You are reading a blog post about a nearby tourist attraction by a UK college student in your neighbourhood.



Dave Simpson

Wednesday, 5 July, 6.32 pm

My roommate and I went out to a neighbourhood amusement park. It is a theme park whose main character is a beagle. Many attractions are available there. We rode a roller coaster and were amazed at the speed. I heard that it reaches 60 mph in 2 seconds. The free fall was so terrifying that I felt a little dizzy after the ride, but I hope everyone gives it a try.

We saw three performances in the park. One of them was a musical comedy show. A beagle mascot and other characters were dancing to songs on the stage. The characters were so cute that I really enjoyed the show. Other performances we saw included live music by men dressed in cowboy costumes and a performance by Native Americans using long ribbons. Many people stopped to watch, but we were not interested because we'd seen similar performances in another place.

We also attended valuable and enjoyable workshops. We experienced gold panning, which is an activity to separate gold dust from sand and gravel. We learnt how to use bowls to get the gold out of the muddy water. We also fed the horses. It was interesting to see that carrots were their favourite food, just as expected.

If you ever visit this theme park, please let me know what you think.

問1 In Dave's blog, you read that he .

- ① bought a gold ring at the gift shop
- ② enjoyed a character musical
- ③ learnt how to ride a horse
- ④ saw a beagle's street performance

問2 Dave was most likely  when he was watching cowboys play music.

- ① amazed
- ② bored
- ③ pleased
- ④ thrilled

**B** Your history club will hold a “history experience exhibition” at the school festival. For reference, you are reading an article written by a professor who had his students experience the culture of England in old times.

In order to have my students experience the life of people in 19th century England, I had to consider several things.

First, I decided which social class to focus on. The class society of the time was really complex, but anyway I focused on the life of the common people.

Next, I determined the order of the events that the students would experience. At the beginning, I asked them to wear the clothes of the common people of the time, which I borrowed from a local historian. Then, the students experienced things in the following order: they ate breakfast, experienced the entertainment of the time and did some evening activities.

I purposely left the clothes I had borrowed torn. This is because it was usual for the common people at that time to make repairs, not being able to afford to buy new ones. As an evening activity, I had the students have the experience of sewing clothes with a needle.

Entertainment for the common people at that time included watching street performers and going to the zoo. However, it was not possible for me to prepare these things, so I exhibited panoramic paintings of other countries that were appreciated by the common people, who could not easily travel abroad.

As for food, the English are said to have had two meals a day in the Middle Ages, but after that they began having three meals a day. The most interesting of the three meals is breakfast. The common people’s breakfast consisted of a kind of porridge made from oats and very sweet tea. Instead of giving an answer as to why such sweet tea was drunk for breakfast, I asked my students to think about it and write a report after all the events.

My students said they really enjoyed the experience.

問1 Put the following events (①~④) into the order in which the professor's students did them.  →  →  →

- ① They ate porridge and drank sweet tea.
- ② They changed their clothes.
- ③ They mended the clothes.
- ④ They wrote a report on sweet tea.

問2 According to the professor, in 19th century England, .

- ① it was rare for the common people to go out for entertainment
- ② people had just begun to eat three meals a day
- ③ the common people often had difficulty buying new clothes
- ④ travelling abroad was popular among the common people

問3 From this article, you learnt that the professor .

- ① explained to his students why sweet tea was popular
- ② gave students an opportunity to consider a question
- ③ hired a street performer to hold a show
- ④ spent a lot of money to remake clothes

第4問 (配点 16)

Your group is holding an event for exchange students in your city. You are reading the messages from two members of the group, Chiaki and Robin, discussing the event plan.

**Chiaki**

October 9 10:50 p.m.

I found an interesting workshop on the Momiji City Museum's website. In the workshop, we can make pottery on our own. Our city is known for pottery, so I think this is very nice for the event. Also, it will be fun to form clay and make our special pots, cups, or plates. According to the website, after you finish forming the pieces, they are stored in the museum for three days until they dry and then fired in a nearby kiln. The pottery is delivered to our home in about a week.

The workshops are held twice a day on weekends — from 10:00 a.m. and from 2:00 p.m. — and each is two hours. How about seeing the exhibitions in the museum in the morning, and then attending the workshop in the afternoon? The exhibitions are about the history, the industry and the culture of this city, and there we can listen to a thirty-minute English lecture about the pottery industry beginning at noon. It would be good to look around the exhibitions for an hour before attending the lecture.

As for lunch, there is a restaurant in the museum, but it would be nice to walk ten minutes to Momiji Park with lunch boxes. The maple trees in the park will have turned red before the day of the event. Our participants will enjoy the beautiful sight.

What do you think? I would like to hear your opinions.



**Robin**

October 10 9:15 a.m.

Thank you, Chiaki! I thought the pottery workshop great. My host family has some flower-patterned ceramic plates. Can we make unique pottery like them? It will surely be fun.

The exhibitions in the museum also seem interesting. However, I suggest we visit Coast Park, instead. Recently I found some social media posts with photos of the palm-lined beach taken in the park and got interested in it. It seems that the park is becoming famous among shutterbugs, who seek spots where they can take nice photographs. We can take a walk on the beach, take photos, and enjoy a picnic with the view of the beautiful horizon and coastline. So, the event participants will learn about the beautiful natural environment of our city.

What do you say to meeting up at Coast Park bus stop at around 11:00 a.m.? Then, let's guide the participants in the park and have lunch, and leave the park at around 1:00 p.m. The Momiji City Museum is 30 minutes from the park by bus, so we can participate in the pottery class after that.

I think this plan lets the participants learn about both the tradition and natural environment of Momiji City. If it rains, however, let's go with Chiaki's plan. As for lunch, it would be better to eat at the restaurant Chiaki mentioned.

What do you guys think? Let's discuss it at the next web meeting!

問1 What is probably the main purpose of the event?

24

- ① To help exchange students with their studies
- ② To introduce the city
- ③ To make and eat lunch together
- ④ To support the pottery industry

問2 Which of the following is best for Chiaki's event plan? 25

①

Start	End	Activity
10:00 a.m.	12:00 p.m.	Attend the workshop
12:00 p.m.	12:30 p.m.	Listen to the lecture
12:30 p.m.	2:00 p.m.	Go to the park and have lunch
2:00 p.m.	4:00 p.m.	See the exhibitions in the museum

②

Start	End	Activity
10:00 a.m.	12:00 p.m.	Attend the workshop
12:00 p.m.	1:00 p.m.	Visit the kiln
1:00 p.m.	2:00 p.m.	Go to the park and have lunch
2:00 p.m.	4:00 p.m.	See the exhibitions in the museum

③

Start	End	Activity
10:00 a.m.	12:00 p.m.	See the exhibitions in the museum
12:00 p.m.	2:00 p.m.	Go to the park and have lunch
2:00 p.m.	4:00 p.m.	Attend the workshop
4:00 p.m.	5:00 p.m.	Visit the kiln

④

Start	End	Activity
11:00 a.m.	12:00 p.m.	See the exhibitions in the museum
12:00 p.m.	12:30 p.m.	Listen to the lecture
12:30 p.m.	2:00 p.m.	Go to the park and have lunch
2:00 p.m.	4:00 p.m.	Attend the workshop

問3 According to Robin's message,  .

- ① he has learned about Coast Park online
- ② he has taken photos in Coast Park before
- ③ he thinks the museum's exhibitions are boring
- ④ his host family has made pottery themselves

問4 Robin suggests that if the weather is fine they eat lunch  and if it rains they eat lunch  .

- ① at the pottery workshop
- ② at the restaurant in the Momiji City Museum
- ③ in Coast Park
- ④ in Momiji Park

問5 Neither Chiaki nor Robin plans  .

- ① to contact participants with social media
- ② to go to see autumn leaves in the park
- ③ to learn about the pottery industry in the museum
- ④ to use the bus for transportation

## 第5問 (配点 15)

You have been asked by your teacher to present an impressive story in the discussion class. You have found a story written by a student in the US.

### **Fallen in Love with a Store Clerk**

February 23, 2018 Randy Valentine

“Thank you for the heartfelt letter, Randy. I’m so happy such a nice person as you has feelings for me. You say in the letter that our current relationship, a customer and a clerk, may discourage us from becoming friends. But that’s not really true.”

It all started three months before I gave Karen the letter. I dropped into a newly opened drugstore on my way back from school. As I was picking up some snacks and drinks, I saw a smiling angel at the cash desk. Should I call it “love at first sight”? Definitely!

The next day, I visited the store again and there she was! Though I wasn’t feeling sick, I asked her for some headache medicine. She took a bottle from the shelf behind the counter and said, “How about these pills? They should work quite quickly.” “Thank you very much. I’ll take that,” I replied, pretending to be troubled with my pain. “Please take care of yourself,” she said with a soft smile — it melted my heart.

On the following day, I wanted to visit Karen again but decided not to, for fear she would notice my feelings if I kept coming back every day. So, I spent the whole week holding back my desire to see her, as I didn’t want to give her the impression that I was too eager. The third meeting was far more moving than I had expected. As I was handing her some money for a small item, she said to me, “Is your headache gone?” Oh, at least I was on her radar! “Y-Yes.” “Good.” I barely remembered our short exchanges at that moment.

The only person who knew this situation of mine was Joe, my older brother.

That evening, I said to him, "I was wondering if I could hand something to the girl personally. Could I give her a piece of paper with my email address on it?" Joe replied, "No. It's too early. What kind of girl wants to make friends with someone she hardly knows? Don't rush it, or you'll just embarrass her, as I once did with another girl. Start your relationship by greeting again and talking to her casually."

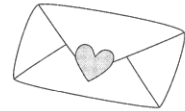
Two days later, I went to the store again and saw her as usual. This was the first time our dialogue began with my words. "Good morning. How are you?" "I'm fine, thank you. It's a cold day, isn't it?" she replied with that smile. In our five or six meetings, I succeeded in exchanging a few words with her. She told me that her name was Karen and that she was a college student earning her living expenses as a part-timer at the drugstore. The more I talked to her, the more I liked her.

One day, I said to Joe, "How I wish I could tell Karen that I've fallen for her! But I'm not confident enough. What if she rejects me? I would be messed up!" Joe said, "Come on, Randy. Do you want to spend years regretting not taking any action? I've been rejected by girls five times in my life, but I never regretted telling them my honest feelings. Be a man!" He added, "How about handing her a love letter? It may sound old-fashioned, but since Karen sounds like a very attractive girl, she might be used to receiving emails from boys. A handwritten letter will impress her."

I wrote a letter to Karen that night, telling her I had fallen in love with her and how happy I would be if we could go out. The following day, I gave her the letter, and two days later I was handed a reply from her. The letter began with the sentences mentioned in the beginning. This was followed by, "But I'm sorry, I'm already going out with someone else from the same college. Let's just stay friends." Reading her reply, I sobbed. My heart was completely broken. This happened five years ago, and it still hurts me, but I never regret what I did.

Your presentation notes:

## Fallen in Love with a Store Clerk



### Characters

Randy · A male student who is in love with Karen

· 30

Karen · A female university student who works part-time at a drugstore

Joe · Randy's older brother

· 31

### How Randy's story of love progresses

Randy fell in love with Karen



32



33



34



35

### What can be inferred about Karen's feelings?

36

### How does Randy look back on this experience?

“ 37 ”

問1 Choose the best option for .

- ① Good at building a relationship with a girl
- ② Has sometimes fallen in love with someone at first sight
- ③ Tends to lose control of himself when he's in love
- ④ Wants to behave carefully and gently towards the lady he likes

問2 Choose the best option for .

- ① Advises his brother to refrain from telling Karen his feelings
- ② Doesn't know his brother's situation in detail
- ③ Encourages Randy to ask Karen out in an email
- ④ Gives some clues how Randy should act, based on his own experience

問3 Choose **four** out of the five options (①~⑤) and rearrange them in the order they happened.  →  →  →

- ① Randy asked Karen to exchange emails
- ② Randy greeted Karen for the first time
- ③ Randy handed Karen a letter
- ④ Randy read the letter from Karen
- ⑤ Randy was glad to know Karen recognized him

問4 Choose the best option for 

36
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 .

- ① She believes that one's personality is the most important in deciding who to go out with.
- ② She implies she may change her mind though she is now going out with someone else.
- ③ She thinks that a store clerk shouldn't become her customer's girlfriend.
- ④ She wants to keep the relationship with her boyfriend, but that's not because she doesn't like Randy.

問5 Choose the best option for 

37
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 .

- ① I never regret giving Karen a love letter several times.
- ② I should have told Karen earlier how much I loved her.
- ③ I still recall it as a bitter memory though I have no regret.
- ④ I wish I'd had a little more courage to take another step.



第6問 (配点 24)

- A You are going to hold a discussion on the history of fashion in a class. You are making a summary of the following article. Using the summary, you will talk about it.

### History of Cosmetics

The earliest use of makeup was not necessarily for the purpose of seeking beauty. The ancient Egyptians, both men and women, would paint *kohl*, a mixture of lead, iron, copper, ash and burnt almonds, around their eyes. The circles of *kohl* were thought to drive away evil spirits and to relieve the effect of the harsh desert sun on their eyes. Today, scientists think that the *kohl* makeup may also have helped protect the Egyptians from infectious diseases since the lead would kill off bacteria, though they could not have known this at the time. In addition to Egyptians, ancient Greeks, Romans and Chinese are also believed to have worn some kind of makeup on their face.

During the European Middle Ages, pale skin was popular, as it was a sign of wealth. Women painted their faces and necks with a mixture of lead and vinegar to lighten the face, which was actually harmful to the wearer. Elizabeth I of England, with her white face and large forehead, is famous for this look, which was popular for centuries. Around the same time, however, cosmetics became recognized as a health threat.

Towards the end of the 1800s, portrait photography became popular. Putting on some makeup before having one's photo taken became common. Mirrors also became readily available to ordinary people. To be sure, these two factors were important in making makeup common among the general public, but nothing played a greater role than motion pictures. When actors were on the stage, they usually wore very heavy makeup that made them appealing to the audience sitting far from the stage. But faces with such makeup did not look good on the screen. So, in 1914, Max Factor, a Polish businessman who provided wigs to Hollywood studios,

developed a new type of paint for foundation that made actors look better through a camera. In the 1920s, he began selling his makeup to the public with the claims that they could look like their favorite movie stars. His products proved very successful.

Around the same time, the US car companies began to use new paints in multiple colors on their vehicles. The main ingredients of the paints were nitrocellulose, a substance which was also used to make gun powder. As this paint dried faster than traditional ones, cosmetics companies wondered if they could use it for nail polish, a cosmetic paint that is applied to the nails. In 1932, the first nail polish using the same material as that used in car paint appeared on the market. Revlon, the manufacturer of this product, successfully promoted it and it soon became popular. Also, in the 1950s, the company ran campaigns for matching nail polishes and lipsticks. One of their advertisements said, "If you are the type of woman who wants to bleach your hair platinum without your husband's consent, then you are the perfect candidate for this new color of lipstick and nail polish." In fact, the ad accelerated the sales of the polish.

The popularity of false nails, or artificial nail products which people put over their natural fingernails, among ordinary people accidentally began in 1954, when a US dentist named Frederick Slack damaged his fingernail while at work. He put an artificial nail over his damaged one, using dental acrylics, material used for mending bad teeth. Since then, false nails have progressed into what is worn by many people today as a beautiful fashion.

Throughout history, humans have tried putting on some sort of artificial materials on themselves. Especially in the modern era, they have added to themselves what they expect to make them more confident and happier, or else to cover up parts of their body they don't like. Can you imagine how people will look 100 years from now? They might be wearing 'fashionable' nose paint, or false ears. Who knows?

Your summary notes:

**Cosmetics**

**History**

- Earliest makeup in Egypt  
Egyptians painted a circle around their eyes .

↓

- The Middle Ages in Europe  
Pale skin was popular.  
Cosmetics which were harmful to humans were used.

↓

- Popularization of makeup among the general public  
The most important factor:

**New Type of Cosmetics**

Nail products — nail polish & false nails

**Conclusion gained from the article**

1. Clues to popularize new products
  - 
  -
2. Author's projections on the future of cosmetics
  -

問1 Choose the best option for .

- ① as the effect of the sun was harsher than anywhere else on earth
- ② because they wanted to feel more confident and happier
- ③ for both spiritual and practical purposes
- ④ in order to avoid suffering from infectious diseases

問2 Choose the best option for .

- ① People had more opportunities to go to see a motion picture than before.
- ② People were inspired to wear the same makeup as that of their favorite stars.
- ③ Putting on some makeup before having a portrait photo taken became popular.
- ④ The price of a mirror became low enough for ordinary people to own one.

問3 Choose the best options for  and . (The order does not matter.)

- ① Considering application of one technology to another use
- ② Emphasizing the importance of believing in one's inner beauty
- ③ Making commercials in which popular movie stars introduce new products
- ④ Putting in advertisements to urge people to be more interested in the movie industry
- ⑤ Setting up campaigns to stimulate people's desire to change their own appearance
- ⑥ Writing articles which introduce effective uses of new products

問4 Choose the best option for .

- ① Nose paint and false ears will be more popular than ever.
- ② People's wish to be more beautiful will become stronger as time goes by.
- ③ The technology for cosmetics will make greater progress.
- ④ There is no telling what will happen in the world of cosmetics.

**B** You are preparing for a presentation on strange creatures for your science class. You are using the following article for your presentation.

Human fathers may be better than those of other creatures in their active involvement in child-raising. They teach their children how to play a ball game, or how to behave in a decent way. But, in one particular respect, human fathers can never beat the males of certain species, which become pregnant and give birth to their children instead of the females. This trait is peculiar to a strange kind of fish, widely known as “seahorses.” Like a kangaroo, a male seahorse has a pocket of skin on its stomach to carry babies in. A female produces eggs and transfers them into her mate’s pocket, where they hatch. The pocket can hold as many as 2,000 babies at a time. By keeping the babies inside the pocket, the father offers oxygen and necessary nutrients to the babies as well as protects them from the dangers in the sea.

The reproduction of seahorses begins when a male and a female seahorse start to dance together before dawn, twisting their tails, changing their body color, and swimming side by side. Eventually, they engage in a true dance of courtship, that is, a request for mating. In this phase, the movements of the couple synchronize so that the male can easily receive the eggs when the female is ready to lay them. The male inflates his pocket with water to show that it is empty. The process ends when the male has received the eggs. The pregnancy lasts 10 to 25 days, depending on the species. The eggs hatch in the father’s pocket, and then the father swims a long distance to set the newborn babies free.

What evolutionary advantages does male pregnancy give seahorses? Science has not yet revealed the truth. One theory is that it enables a shorter cycle of reproduction by sharing the burden of the process between the father and the mother. While the father is keeping the babies in his pocket, the mother can prepare more eggs to give to the father soon after he has set the babies free. It is said that some seahorses can give birth in the morning and be pregnant again by evening.

Seahorses range from less than one to thirty centimeters in length. They have

some unique characteristics in appearance. For example, they have a tube-shaped mouth for sucking in very tiny sea creatures as food, a curling tail for clinging to sea grass to avoid drifting, and hard plates that cover their body for protection. The plates make them less attractive as food to predators. The exception is humans, who have caught them to make some traditional medicines.

Then, what is the current population of seahorses? No such statistical data exists because relatively little research on them has been carried out so far. But fishers have mentioned a decline in the number of seahorses they catch, according to some research on seahorses. It is also pointed out by scientists that seahorses have been threatened by the damage caused by humans to the coastal areas they live in as well as overfishing for the purpose mentioned above.

Scientists have been trying to save seahorses by breeding them in water pools. Breeding seahorses in captivity, however, is not easy, partly because the babies are so tiny that it is hard to keep them alive. They cannot eat most of the tiny plankton that is usually eaten by grownup seahorses. So, special baby food has to be grown for them. New technologies for more efficient breeding are under way now.

Once a seahorse father sets the babies free in the ocean, the parents do not provide their tiny children with any care or protection. Infant seahorses can easily fall victim to predators or be swept away by ocean currents, where they drift away from their feeding areas. Only about five infant seahorses in every 1,000 survive to adulthood. If only seahorse parents would make half the effort that human parents do to protect their children after birth! In this respect, human fathers do surpass seahorses.

Your presentation slides:

# Seahorses: Cooperative parenting

## 1. Male Seahorses

- can be pregnant and give birth
- have a pocket on their stomach
- 

## 2. How a male seahorse becomes pregnant

A male and a female start dancing in the early morning



The movements of the pair synchronize  
The male shows the pocket is available



The male receives the eggs from the female

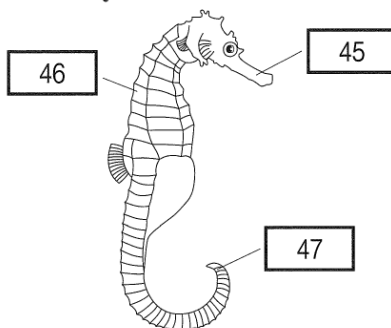
## 3. Male Pregnancy

Advantages of male pregnancy

→ not yet revealed

One theory:

## 4. Body Parts and Functions



## 5. Population Decrease and Solution

- Fishers have reported that the number of seahorses they catch is declining.
- Possible Reasons:  ,
- Solution: New technologies for breeding are being developed.

問 1 For the **Male Seahorses** slide, which of the following fits  ?

- ① feed and protect newborn babies in their pocket
- ② lay eggs like females of other kinds of fish
- ③ take eggs out of the pocket before they hatch
- ④ transfer eggs to the pocket of a female seahorse

問 2 Which is the best statement for  in the **Male Pregnancy** slide?

- ① To ensure the safety of the babies
- ② To give birth in the morning
- ③ To raise the frequency of giving birth
- ④ To share the burden of caring for the grown-up children

問 3 For the **Body Parts and Functions** slide, which of the following fit , , and , respectively?

- ① absorbs oxygen to breathe
- ② helps them swim smoothly
- ③ keeps their body temperature
- ④ prevents them from being eaten
- ⑤ prevents them from drifting away
- ⑥ takes in necessary nourishment



問4 For the **Population Decrease and Solution** slide, select two possible causes of the decrease in the seahorse population. (The order does not matter.) 48

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- ① Baby seahorses cannot tolerate rising ocean temperatures.
- ② Humans have harmed the environment where seahorses live.
- ③ More infant seahorses have fallen victim to predators than before.
- ④ Only about five infant seahorses out of 1,000 can be fed by their parents.
- ⑤ People have caught too many seahorses for medical purposes.
- ⑥ The number of the tiny plankton seahorses eat has decreased due to climate change.

問5 What can be inferred about the author's attitude toward parents' involvement in child-raising? 50

- ① The author criticizes seahorse mothers for not getting involved in taking care of the eggs laid by themselves.
- ② The author feels that male seahorses are better fathers than human ones when it comes to raising their babies.
- ③ The author is sorry that seahorses do not care for their children once they are set free.
- ④ The author thinks that human fathers surpass seahorse fathers during pregnancy.

問題番号 (配点)	設問	解答番号	正解	配点	自採 己点
第1問 (10)	A	1	1	2	2
		2	2	2	2
	B	1	3	3	2
		2	4	3	2
		3	5	1	2
自己採点小計					
第2問 (20)	A	1	6	4	2
		2	7	3	2
		3	8	3	2
		4	9	3	2
		5	10	3	2
	B	1	11	4	2
		2	12	1	2
		3	13	3	2
		4	14	4	2
		5	15	1	2
自己採点小計					
第3問 (15)	A	1	16	2	3
		2	17	2	3
	B	1	18	2	3*
			19	1	
			20	3	
		2	21	4	
			22	3	3
			23	2	3
自己採点小計					

問題番号 (配点)	設問	解答番号	正解	配点	自採 己点
第4問 (16)	1	24	2	3	
		25	4	3	
	3	26	1	3	
		27	3	2	
		28	2	2	
5	29	1	3		
自己採点小計					
第5問 (15)	1	30	4	3	
		31	4	3	
	3	32	5	3*	
		33	2		
		34	3		
		35	4		
	4	36	4	3	
		37	3	3	
自己採点小計					
第6問 (24)	A	1	38	3	3
		2	39	2	3
		3	40-41	1-5	3*
		4	42	4	3
	B	1	43	1	2
			44	3	2
		3	45	6	3*
			46	4	
			47	5	
		4	48-49	2-5	3*
5	50	3	2		
自己採点小計					

自己採点合計

(注)

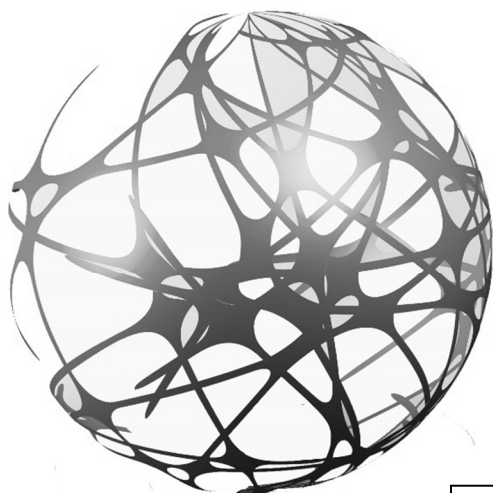
- \*は、全部正解の場合のみ点を与える。
- (ハイフン)でつながれた正解は、順序を問わない。

<MEMO>



# English 英語

**F**orward 将来に  
**i**ndividual 個人  
**t**raining 訓練



名 前