

1. 次の問い合わせ（問1～問5）において、それぞれ下の①から⑥の語句を並べ替えて空所を補い、最も適当な文を完成させよ。解答は、1～10に入れるものの番号のみを解答欄に記入しなさい。

問1 1 · 2

A: How 1 2 saw your parents?

B: More than a year. So I miss them a lot. I really want to see them.

- ① been ② has ③ it ④ long ⑤ since ⑥ you

問2 3 · 4

A: Let's go out and get something to eat.

B: I wish I could go with you, but I don't feel well. Would 3
 4 ?

- ① home ② I ③ if ④ mind ⑤ stayed ⑥ you

問3 5 · 6

A: Why don't we get together after I finish my reading assignment this evening?

B: Sure. I 5 6 7:00 at the library. How does that sound?

- ① around ② can ③ pick ④ sometime ⑤ up ⑥ you

問4 7 · 8

A: Who is that new volunteer student?

B: That's Francis. She is very 7 8 whose parents are too busy to take care of them.

- ① after ② at ③ children ④ good ⑤ looking ⑥ the

問5 9 • 10

A: Now I need to propose a design for the new building.

B: When you _____ 9 _____ 10 _____, please let me know. I'll be waiting to hear from you.

- ① a ② come ③ good ④ idea ⑤ up ⑥ with

2. 次の問い合わせ（問6～問9）の会話の **11** ~ **14** に入れるのに最も適当なものを、それぞれの問い合わせの①～④のうちから一つ選び、解答欄に記入しなさい。

問6 **11**

A: What did Tom like to do when he was in high school?

B: He was on the soccer team and liked to work out with his father. On weekends, he swam and surfed at the beach. In winter, he skied as well.

A: I see. He was **11**!

- ① a hardworking student
- ② extremely intelligent
- ③ sociable
- ④ very athletic

問7 **12**

A: What foods should we prepare for the event?

B: According to the survey, 45 participants prefer desserts, 35 prefer seafood, 15 prefer meat, and 5 prefer vegetables.

A: Got it. We should have more **12**.

- ① cakes and shrimp
- ② fish and cabbage
- ③ hamburgers and celery
- ④ steak and chocolate

問8 **13**

A: I have some friends visiting my hometown next week.

B: Great! **13** with them?

A: No, I don't think so. They like quiet places.

- ① Are you going to the amusement park
- ② Are you going to visit the art gallery
- ③ Will you go fishing
- ④ Will you go hiking

問 9 14

A: 14 is next month!

B: Wow! Congratulations to Jenny. She has studied really hard. What should we wear?

A: Here are the dress code rules of the university. Let's get some new clothes!

- ① Jenny and Patrick's wedding
- ② Jenny's 24th birthday
- ③ The graduation ceremony
- ④ The 100th anniversary of our university

3. 次の問い合わせ（問 10）のパラグラフ（段落）には、まとまりをよくするために取り除いた方が良い文が一つある。取り除く文として最も適当なものを下線部①～④のうちから一つ選び、解答欄の 15 に記入しなさい。

問 10 15

① The Keitaword School Library is a centre of activity and learning and its recent activities have taken it into cyberspace! The Keitaword Virtual Library is an extension of the physical library, except that it is online and provides students and staff with 24/7 access to audiobooks and eBook downloads via a free online app. Over 800 fiction, nonfiction and audiobooks are available and more are being added regularly. ② The virtual library allows you to read books at your own convenience. Students can browse the titles online, choose up to four books and download them onto their own devices. ③ After six weeks the books are returned at the library counter. Students can choose and read books anywhere, anytime, and no longer worry about losing the book or having to return it by the due date. ④ This is a great way to read books as the technology allows readers to use the inbuilt dictionary, customise fonts, and bookmark text automatically.

4. 次のウェブサイトを読み、問11～問13に対する最も適当な解答を、それぞれの問い合わせの①～④のうちから一つずつ選び、解答欄の 16 ~ 18 に記入しなさい。

Butterfly Wonderland

You may have experienced the **fluttering** of little, colourful wings around you which made you wonder what they were and they may have even frightened you a little.

Visit the Butterfly Wonderland dome and coffee shop to enjoy the beauty and fascination of over 1000 varieties of butterflies.

Upon entering the enormous glass dome sanctuary, you will feel as if you are in a wonderland experience. You will be surrounded by tropical trees, plants, and flowers, and as you focus your attention, you will see more and more butterflies of all colours, shapes, and sizes. They may even land on your arm if you stretch it out, or on your head for a great photo.

You can enjoy light refreshments in the inner glass-covered butterfly-themed coffee shop dome. The handles of the cups are butterfly-shaped and the teapots have a variety of butterfly pictures on them.

Monthly lectures about butterflies are given in the inner dome by scientists and wildlife activists who specialize in butterflies.

Check our Facebook page for further information, special offers, and for making reservations.

Opening Hours

10am to 3pm daily except Christmas Day

Entrance Fees

Adult \$10

Concession (including students visiting Australia) \$8

Child (4-16 years) \$5

Family (2 adults and 2 children) \$25

Extra child \$3

Lectures are free and there is a box for donations at the entrance.

The donated money will go towards butterfly research.

問 11 16

The word **fluttering** in Line 1 is closest in meaning to

- ① descending.
- ② hanging.
- ③ moving.
- ④ riding.

問 12 17

A family (consisting of 2 adults and 2 children) decides to take their 17-year-old visitor from Japan (who is studying at an Australian school for a month) to Butterfly Wonderland.

What will the total entrance fee be?

- ① \$28
- ② \$30
- ③ \$33
- ④ \$35

問 13 18

According to the passage, which of the following is NOT true?

- ① Talks by butterfly experts are scheduled.
- ② The facility is closed on Christmas Day.
- ③ Photography is prohibited.
- ④ There are two domes.

5. 次の文章は Scott West が Urban Max ISP宛てに送ったメールである。このメールを読み、問14～問16に対する最も適当な解答を、それぞれの問い合わせの①～④の中から選び、解答欄の 19 ~ 21 に記入しなさい。

From: Scott West <scott_r_west@.....>
To: Urban Max ISP <umaxisp.office@.....>
Date: 25th August, 2020
Subject: Monthly Rate Inquiry

Dear Sir / Madam,

I signed up for your internet service in February last year and am happy with the bandwidth and connection speed. However, when I checked my credit card statements for this month and the last two months, I noticed that you have been billing me for \$45 instead of the flat rate of \$30 per month that I signed up for. I would like to know the reasons for this extra charge and, since internet banking will only allow me to view up to two past statements, I would also like to know when you started charging me the higher rate.

I had you send me a new Wi-Fi router in December last year to replace the original faulty router. Has that had some effect on costs?

Thank you,
Scott West

問14 19

According to the email, what has happened to Mr. West?

- ① His Wi-Fi router is broken.
- ② His internet connection is unstable.
- ③ He is being charged a higher rate than he expected.
- ④ Urban Max ISP has stopped offering him a discounted rate.

問 15 [20]

According to the email, which of the following statements is true?

- ① Mr. West is now paying a cost increase of 100%.
- ② Mr. West has reached his credit card's monthly limit.
- ③ The rate would be cheaper if Mr. West rented a portable Wi-Fi.
- ④ It has been over a year since Mr. West signed up to Urban Max ISP.

問 16 [21]

Urban Max ISP will most likely respond to Mr. West's email by

- ① offering him a Wi-Fi router upgrade.
- ② justifying their charging him a higher fee.
- ③ providing a quote for the extra services he inquired about.
- ④ requesting that he does not exceed his monthly data limit again.

6. 次の文章を読み、問 17～問 20 に対する最も適当な解答を、それぞれの問い合わせの①～④のうちから一つずつ選び、解答欄の 22 ~ 25 に記入しなさい。

Arctic Development

The Arctic is a polar region located at the northernmost part of the Earth consisting of the Arctic Ocean and the seas surrounding it as well as parts of the so-called Arctic nations, namely, Canada, Finland, Denmark (Greenland), Iceland, Norway, Russia, Sweden, and the United States (Alaska). It has a unique ecosystem: the majority of its land is tundra which is covered with snow and ice. Deep in the Arctic land there exists permanently frozen underground ice called permafrost.

In recent years, Arctic development has become one of the major global issues faced by the international community for several reasons. First, because there are ecological concerns such as global warming and environmental damage to the Arctic's ecosystem. Research data shows that the white ice blanket of the Arctic has been rapidly diminishing due to global warming. In addition, the Arctic's permafrost contains high concentrations of methane which is an extremely harmful gas that exacerbates the greenhouse effect when released into the atmosphere. In other words, the melting of Arctic ice is aggravating the problem of global warming.

Second, increased human activity in the Arctic poses new threats to the ecological conditions of the region. Scientists have already observed some irreversible changes in the habitats of polar bears, walruses, seals, and migratory birds caused by increased human activity in the region. Environmentalists and local activists also worry about oil spills which are almost impossible to clean up in the remote waters of the Arctic Ocean due to the high concentration of sea ice and icebergs.

Third, the attention of the international community towards Arctic development has increased due to the growing strategic importance of the region. The Arctic is extremely rich in natural resources: its 8.2 million square miles of land holds an estimated 13 percent of the world's undiscovered oil and 30 percent of undiscovered gas. The Arctic also has large deposits of nickel, copper, zinc, and other minerals. Among the Arctic nations, Russia alone has minerals in its Western Siberian Basin worth of \$2 trillion (U.S.). The melting of Arctic ice stimulates the activity of oil and gas, shipping, and other industries as the Arctic waters gradually become more navigable. It also opens opportunities for the development of new fisheries.

In fact, shipping and energy activities in the region have increased in recent years. Accelerated melting of the Arctic Ocean ice has opened new sea lanes to shipping and

tourism in summer. The overall route on Russia's side of the Arctic between North Cape and the Bering Strait has been called the Northeast Passage, similar to the Northwest Passage on Canada's side. It is estimated that the Northeast Passage can shorten the sea route from Europe to Asia by 4000 miles and, if the polar ice melting continues, it will also likely be completely navigable in the future.

Strategic importance of the Arctic raises many territorial claims over its jurisdiction. Currently, no country owns the geographic North Pole or the Arctic Ocean surrounding it. The Arctic nations are granted jurisdiction only over 200 nautical miles of exclusive economic zones (EEZ) off their coasts as stipulated by the United Nations Convention on the Law of the Sea (UNCLOS). However, some Arctic nations are conducting various investigations of their continental shelves in order to justify claims of up to 350 miles.

Source: compiled with references to: 1) *Arctic Development Is Ramping Up: What Do We Urgently Need to Know?* Retrieved from <https://www.nationalgeographic.com/environment/energy/great-energy-challenge/big-energy-question/arctic-what-do-we-need-to-know/> (accessed September 15, 2020). 2) Karaim, R. (2017). Arctic Development. In QR Researcher (Eds.) *Global Issues* (pp. 335-358). California: QR Press.

問17 22

The main purpose of this passage is to

- ① raise awareness of the problem of global warming in the Arctic.
- ② discuss potential economic benefits and drawbacks of Arctic development.
- ③ present business opportunities for further development of the Arctic.
- ④ explain why Arctic development has become a major global issue.

問18 23

Which of the following is NOT true according to the passage?

- ① The Arctic has a rich variety of mineral and fossil fuel resources.
- ② The effects of global warming in the Arctic are rather severe.
- ③ Global warming opens new opportunities for development in the Arctic.
- ④ Fishing is the most rapidly developing industry in the Arctic.

問 19 24

The strategic importance of the Arctic can be confirmed by the fact that

- ① it has numerous discovered mineral resource deposits.
- ② it has the potential to develop new routes for shipment and sea navigation.
- ③ it has a large amount of harmful methane gas in its permafrost.
- ④ it has enough flora and fauna to control the rate of global warming.

問 20 25

What can be inferred from the passage?

- ① Increased human activity hardly poses any risk to the ecosystem of the Arctic.
- ② All UN countries have territorial claims over the jurisdiction of the Arctic.
- ③ Arctic development is highly profitable and should be actively promoted.
- ④ Arctic development has both merits and drawbacks for international society.

7. 6 の英文 “Arctic Development“ を読んで考えたことを、80 単語から 100 単語の英語で書きなさい。