

英 語

問題冊子 2

注 意

「問題冊子 2」に印刷されている問題は、**2** から **4** までで、2 ページから 12 ページまであります。

2 次の文章を読んで、あとの各問に答えなさい。

(*印の付いている単語・語句には、本文のあとに〔注〕がある。)

*Taro lives in a small town. He is fourteen years old and goes to junior high school. Mr. Endo is sixty-seven and *once *ran a soba restaurant in Taro's town. He is now *retired and is a volunteer who *guides young students at a *street crossing.*

The sky is a blue summer sky. Taro is on his way to school. He does not know what sports activities he should choose this summer. At his school all the children have to join *at least two activities during the summer. Which activities will be the most fun? He is looking forward to joining them. Taro did not feel this way last summer. Before last summer, he was always reading books at home and did not like sports. He was a boy who lived in his own world of books.

When Taro comes near his school, he sees Mr. Endo. *As usual, Mr. Endo is talking to the children who are on their way to school. Mr. Endo stands there every morning as a volunteer. He always says to the children, "Good morning!", "How are you today?", "[(1-a)]" or "Oh, you got a *haircut. You look nice!" Taro did not like him so much until last year, because Taro was very *shy and did not like older people who talk so much to children.

Mr. Endo was running a soba restaurant until two years ago. Now his son runs the restaurant. Mr. Endo's son was not so healthy when he was very young. Mr. Endo worried about him very much and took good care of him. With his father's help, the son became healthier *little by little and he grew up all right. Now he is *taking over his father's business and runs the soba restaurant. Taro knows that because Taro's mother once told him. Mr. Endo likes watching children and he wants them to be full of energy. He is always talking to children to see *if they are really all right.

Sports are very popular in Taro's town, and the town has decided that at school all the children have to do some sports in the summer. The town also asks people to help the schools with children's sports activities. Of course, Mr. Endo helps as a volunteer. This is now a very important part of his life.

(2) Taro did not join any sports activities until he entered junior high school last year. His mother worried about him and was always saying to him, "You shouldn't stay home all the time. [(1-b)]" He thought, "Reading is so much fun and easy, but if I do sports I get tired. I don't think sports are any fun." Even when his friends asked him to play baseball with them, he usually said no. Last year, after he learned that he had to join some sports activities, he was always thinking, "[(1-c)]"

One day, after Taro spent some time in the school library, he was on his way home. He was looking down and thinking about summer activities again. When he was walking across the street, a car suddenly came, and because he was not *paying attention, he was almost hit by the car. He was very surprised and

couldn't move. A man began running after the car. He was shouting, "Wait!" in a loud *voice, but the car quickly drove away. The man was Mr. Endo. "That's dangerous!" He was angry. "Are you all right? You should be more careful." Mr. Endo looked at Taro's face and said to him. "Is there anything wrong? You should pay more attention when you are walking. (1-d)" "No, there isn't anything," Taro answered, and started to walk. He didn't even say, "Thank you."

Mr. Endo came with Taro. Mr. Endo asked, "You are going to join some activities this summer, aren't you? What activities are you going to join?" Mr. Endo knew that Taro did not like sports. His mother talked with Mr. Endo on the street some days ago, Taro remembered. "I have not decided yet," Taro said. He was looking down. He was thinking, "I don't have to tell him everything I do." ⁽³⁾ Then Mr. Endo started to tell Taro about his son. ⁽⁴⁾

Mr. Endo's son was not very strong when he was little, but he joined the baseball team when he became stronger. At first, he was just watching. Then, little by little, he started to throw and hit the ball. Mr. Endo looked very happy when he was telling this to Taro. Mr. Endo also said, "If you do sports when you are young, you can be stronger. When you become healthier, you will become more *positive. You should start some sports. Think about that, all right?" Then he said to Taro, "Goodbye." Taro was able to understand that Mr. Endo really *cared about him. He understood that Mr. Endo was a kind man.

Finally, Taro chose baseball and *hiking that year. He enjoyed baseball with his classmates for three days. Throwing and catching the ball wasn't so bad. It was fun. Mr. Endo was *coaching the team as a volunteer. Taro did not know why but he felt happy when Mr. Endo said, "You look great today, Taro!" ⁽⁵⁾ Hiking was also great fun. They walked for two hours and went up to the top of the mountain. On the way there, the volunteer who was guiding them was telling the children about the trees and birds. Taro learned that reading was not the only fun, and the bird songs he heard in the mountains stayed in his heart. He was able to have a very different experience that summer. After that summer, Taro changed.

He still loves reading but he also enjoys sports now and feels better after he does them. Taro's parents are happy about that.

The summer vacation will soon start. Taro is thinking again, "What activities should I join and which activities can be more fun?" He is more (6) now. He wants to try something new and different. The clouds are running across the summer sky. At the street crossing, Mr. Endo is saying to the children, "Good morning!" When he sees Taro, he smiles at him and says, "You really look healthier these days."

〔注〕 once かつて	run 経営する
retired 退職している	guide 指導する, 案内する
street crossing 交差点	at least 少なくとも
as usual いつものように	haircut 散髪
shy 内気な, 人見知りする	little by little 少しずつ
take over one's business ~の商売を引き継ぐ	if ~ ~かどうかを
pay attention 注意する	voice 声
positive 積極的な, 前向きな	care 気にかかる
hiking ハイキング	coach コーチをする

〔問1〕 から の中には、それぞれ次の(A)～(D)のうちのいずれかの文が入る。それぞれに入る文を並べた組み合わせとして最も適切なものは下のうちではどれか。

- (A) Is there anything that worries you?
 (B) Why don't you go out and do some sports with your friends?
 (C) Did you have breakfast?
 (D) Which activities are the easiest?

- ア (C), (B), (D), (A)
 イ (A), (C), (D), (B)
 ウ (C), (D), (A), (B)
 エ (A), (B), (C), (D)

〔問2〕 Of course, Mr. Endo helps as a volunteer. とあるが、この理由を説明するものとして当てはまらないものは次のうちではどれか。

- ア Mr. Endo enjoys watching children and he hopes all the children will be healthy.
 イ Working with children as a volunteer is a great part of Mr. Endo's life.
 ウ Mr. Endo wants to do something for his town because his son runs a soba restaurant there.
 エ Mr. Endo likes sports and he thinks sports are good for children.

〔問3〕 He was thinking, “I don’t have to tell him everything I do.” とあるが、この時の Taro の気持ちを最もよく表しているものは次のうちではどれか。

- ア Taro thought too much about sports, so he did not want to talk about sports any more with anybody.
- イ After Taro was almost hit by a car, he was too afraid to answer Mr. Endo’s question.
- ウ Taro thought Mr. Endo was asking the question because Taro’s mother asked him to do so.
- エ Taro thought Mr. Endo didn’t need to know, so he didn’t want to answer Mr. Endo’s question.

〔問4〕 Then Mr. Endo started to tell Taro about his son. とあるが、この時の Mr. Endo の気持ちを最もよく表しているものは次のうちではどれか。

- ア Mr. Endo wanted to tell Taro to do some sports because Taro’s parents wanted that.
- イ Mr. Endo was very proud of his son who did sports and became strong. He wanted to tell that to everybody.
- ウ Mr. Endo believed that all people had to do sports to be healthy and strong.
- エ Mr. Endo wanted Taro to do some sports and thought his son’s story was a good example to follow.

〔問5〕 he felt happy when Mr. Endo said, “You look great today, Taro!” とあるが、Taro がこのように感じた理由として最も適切なものは次のうちではどれか。

- ア Mr. Endo worked hard as a volunteer to help children and Taro felt happy about that.
- イ Taro understood Mr. Endo really cared about him and Taro was able to feel his kind heart.
- ウ Even after Taro joined the baseball team, he couldn’t play baseball well but he was still happy.
- エ When he heard Mr. Endo’s voice on the field, Taro was able to play baseball well.

〔問6〕 に入る適切な1語の英語を本文中から探して書きなさい。

[問7] 次のア～オの中から本文の内容と一致するものを一つ選べ。

- ア Taro's mother worried about her son who was always reading books but Taro did not know that. So, he usually said no to his friends who asked him to play baseball with them.
- イ When Taro was almost hit by a car, Mr. Endo told him to be more careful. Taro did not like that, so he got angry and went home without a word.
- ウ Taro learned sports were fun and sports activities gave him chances to have different experiences. He was happy to do new things.
- エ In Taro's town people love sports. So, the town asks people to help with these activities and those volunteers are asking young people to join sports activities.
- オ Mr. Endo's son was not strong when he was young but playing baseball made him healthier. Now he is taking over his father's business and plays baseball with his father.

3

次の文章を読んで、あとの各問に答えなさい。なお、(1)~(7)は段落の番号を表している。

(*印の付いている単語・語句には、本文のあとに〔注〕がある。)

- (1) How much do you know about the sea? Of course you know the sea is a big place, but there are not many people who know what the sea really is. Most people don't know what we can find there. They don't even know what they want to know about the sea. The sea is there and waiting for us. We must find out more about it. 【ア】
- (2) When we see the earth from space we are surprised. It is very beautiful. The earth is blue because it is a planet of water. The sea covers 70% of our planet. Water is always moving from the sea to the *atmosphere and to the land. The planet of water is also a planet of life. We think life was born in the sea. 【イ】 Then, we will be able to build a better world.
- (3) Japan is a sea country and is one of the most important countries in the world to study the sea. *JAMSTEC (Japan Agency for Marine-Earth Science and Technology) is a *research institution that studies the sea. JAMSTEC has special ships, *submarines and machines to study the deep sea. They study how the sea floor looks and how water moves in the deep sea. *Shinkai* can take three people 6,500 meters down to the deep sea. *Kaiko* is a machine that can go down 7,000 meters without people. It is *controlled by a mother ship. In 2005, a submarine without people, *Urashima*, *traveled 317 km in the deep sea and that *broke a world record. In 2006, JAMSTEC was given a prize for *Urashima*. JAMSTEC also has *Chikyu*. This ship is 210 meters long and is the world's biggest ship used to *drill in the deep sea. This ship has a machine that can go down 2,500 meters to the sea floor and can drill 7,500 meters down from there. If we drill into the sea floor with this machine, we'll know more about the earth, its *creatures, and *natural resources under the sea floor. 【ウ】 With these ships, submarines and machines, JAMSTEC is finding out more about the sea and learning about new natural resources, the beginning of life, and many other things we did not know before.
- (4) Some people say, like space, the sea has many *mysteries. We are finding out the answers to some of them. For example, we now know that water moves slowly on the top of the sea and in the deep sea. Heavy cold water from the *poles goes down into the deep sea and moves through the seas, moves up again and comes back to the starting point. This takes more than 1,000 years! We also know that the sea changes the *climate. The sea can mean a lot to the earth's *environment. 【エ】
- (5) Do you know what we can get from the sea? Of course, we catch and eat fish as food. In the sea, there are also other things we need for today's life. In the deep sea, in some places, very hot water comes out of the sea floor. JAMSTEC is studying such places and they know there are *rare metals there. We cannot find so much rare metal in the world, but it is very important for us today. We have to use rare metal to make things like computers and cell phones.

- (6) Some *mysterious creatures are found in the deep sea. In the deep sea, because there is no light, plants that must change light into energy cannot live. Without plants, animals that eat plants usually cannot live. Without such animals, animals that eat them cannot live, either. However, even without light, these creatures live in water or hot water that comes out of the sea floor, and we have learned in the water there are some *toxic chemicals. How can they live in such a place? *Bacteria were found in the bodies of these creatures. These bacteria get energy from the toxic chemicals and make *nutrients, and the creatures get these nutrients from the bacteria. So, in the deep sea there are creatures even in a world without any light. If we keep studying these creatures, it may even give us the answer to the question about the beginning of life. How did life come into this world? This is a big mystery and we may be able to find an answer to this mystery in the deep sea.
- (7) There are many mysteries in the sea. JAMSTEC is trying to find answers to them. This will take time, but some day we will be able to use the things JAMSTEC finds. Their studies have just begun. If more young people like you are interested in the sea and if we look at the sea around us in a new way, we may be able to build a richer world.

〔注〕 atmosphere 大気

JAMSTEC (Japan Agency for Marine-Earth Science and Technology)

ジャムステック (独立行政法人海洋研究開発機構)

research institution 研究機関

submarine 潜水艦

control 操作する

travel 移動する

break a world record 世界記録を破る

drill 掘る

creature 生き物

natural resources 天然資源

mystery 神秘

pole 北極〔南極〕地域

climate 気候

environment 環境

rare metal レアメタル

mysterious 不思議な

toxic chemicals 有毒物質

bacteria バクテリア

nutrients 栄養

〔問1〕 本文の流れに合うように次の文を補う場合、最も適切な場所は【ア】～【エ】のうちではどれか。

With the help of science, we are beginning to see what the sea really is.

〔問2〕 (3)の段落の内容に一致するものはどれか。

- ア With three people, *Shinkai* went down 6,500 meters to the deep sea and broke a world record.
- イ *Kaiko* is not a submarine but it can go down in the deep sea 7,000 meters without people.
- ウ *Urashima* traveled 317 km in the deep sea and broke, but JAMSTEC was given a prize.
- エ *Chikyu* is the biggest ship in the world and has a machine that can drill down 10,000 meters.

〔問3〕 (4)の段落の内容に一致するものはどれか。

- ア In winter, sea water does not move in the same way because it is cold.
- イ In the deep sea in some places water moves fast and in some places it moves slowly.
- ウ On the top of the sea, water moves fast and near the deep sea floor water moves slowly.
- エ Water moves slowly around the seas and returns to the starting point after a long time.

〔問4〕 次の英文の と に本文の内容に即した適切な英語を1語ずつ本文中から探して書きなさい。

We have learned there are some creatures in the deep sea, and their way of life is very different from the way of life of animals that live under the sun. How do animals live under the sun? Under the sun some animals eat that use to make energy. Some animals eat other animals.

〔問5〕 (6)の段落の内容に一致するものはどれか。

- ア Creatures in the deep sea get nutrients from bacteria in their bodies.
- イ A lot of creatures in the deep sea were born from bacteria.
- ウ Creatures in the deep sea eat bacteria and change them into nutrients.
- エ In the deep sea both bacteria and creatures eat toxic chemicals to live.

〔問6〕 この文章全体で筆者が最も伝えたいことは、次のうちではどれか。

- ア We have already studied much about the sea and we know almost everything about it. We should just start to get resources from the sea.
- イ Many countries are studying about the sea and they know there are a lot of resources there. Japan must hurry to get them before other countries do.
- ウ We have not studied enough about the sea yet. But if we are more interested and find out more about it, that can make our future richer.
- エ There are many things which are important to our lives in the sea. We have learned that, and Japan must join other countries to find out more.

〔問7〕 次のア～オの中から本文の内容と一致するものを一つ選べ。

- ア People are now learning the sea can change the earth's environment a lot but it does not change the climate.
- イ JAMSTEC has ships, submarines and machines, and the things they are finding out are very important for the world's future.
- ウ Rare metal means a lot to our world but people don't believe that the way to use it can change our future and our way of life.
- エ The sea covers more than half of the earth, so we can say it is a planet of water. All Japanese people think it is a beautiful planet.
- オ Research institutions have studied about the creatures in the deep sea and that has given us the answer to the mystery of the beginning of life.

4

次の対話を読んで、あとの各問に答えなさい。

(*印の付いている単語・語句には、本文のあとに〔注〕がある。)

*Nancy is an *exchange student from the U.S. Nancy and Akiko are both seventeen and go to the same school. They meet on the train when they go to school.*

Akiko: You don't look happy. What's the matter?

Nancy: I have a pain *at the back of my mouth. A new tooth is coming in there. In English it is a *wisdom tooth. in Japanese?

Akiko: We call it *oyashirazu*. *This is perhaps because most parents don't know when their children get their wisdom teeth. Some people get all four wisdom teeth and some people don't. So, a person who is over thirteen years old has 28 to 32 teeth. There are three kinds of teeth. If you have 32 teeth, you have eight front teeth to eat fruits and vegetables, four *canines to eat meat and fish, and 20 *molars to eat *carbohydrates.

Nancy: Wow! Why do you know so much about teeth?

Akiko: Because and I want to be a dentist in the future.

Nancy: I see. By the way, if you have 32 teeth, the *percentages of the three kinds of teeth are 25%, 12.5%, and 62.5%. These are *close to the percentages of foods some scientists *advise us to eat. Among all the foods we eat, we should eat 25% fruits and vegetables, 15% meat and fish, and 60% carbohydrates, like rice, bread, and so on. My host mother always cooks Japanese *meals for me and they *are made up of these percentages of foods.

Akiko: Japanese food I didn't have any Japanese food yesterday.

Nancy: Oh? What did you eat?

Akiko: Well, I got up late yesterday morning. I didn't have enough time, so I had only *a slice of toast and a cup of coffee for breakfast. I forgot my lunch that my mother made for me at home. So, on the way to school, I had to buy some sandwiches at a convenience store. After school I played tennis and got very hungry. I hurried home and ate some *doughnuts. For dinner, my mother made *spaghetti with meat sauce and tomato salad. Spaghetti with meat sauce is my favorite. I ate so much spaghetti that I couldn't eat the salad.

Nancy: Akiko!

- 〔注〕 exchange student 交換留学生 at the back of ～ ～の奥に
 wisdom tooth 親知らず (最も遅く生える上下左右4本の奥歯)
 This is perhaps because ～ それはおそらく～だからだろう
 canine 犬歯 molar きゅう歯, 奥歯
 carbohydrate 炭水化物 percentage 割合
 close to ～ ～に近い advise ～ to ... ～に...するように勧める
 meal 食事 be made up of ～ ～から成っている
 a slice of toast トースト一枚 doughnut ドーナツ
 spaghetti with meat sauce スパゲッティミートソース

〔問1〕 本文の に自然な対話が成立するように, 10語以内の英語を書きなさい。

〔問2〕 本文の に自然な対話が成立するように, 10語以内の英語を書きなさい。

〔問3〕 本文の に, Nancy になったつもりで, Akiko にアドバイスする
 英文を 10語以内で書きなさい。

〔問4〕 What is a good breakfast? という質問に対する答えを, 30語以上の英文で書きなさい。なお,
 「,」や「.」などは語数に含めないものとする。二つ以上の文になってもよい。