

1 Answer questions (1) ~ (5).

(1) Choose the word that is most similar in meaning to the underlined word.

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- a. amused
- b. congratulated
- c. offended
- d. praised

(2) Choose the sentence that is true according to the following passage.

Polar bears could become extinct faster than predicted. That is because there is a shortage of food in their habitat\* and scientists have now found out that polar bears need more energy than previously thought.

As a result of global warming, Arctic ice is melting quickly, so that polar bears have to travel further in search of food. In a study that has spanned\* the last three years, scientists found out that polar bears have to travel one and a half times more than in the past. As a result, they lose weight.

注) \*habitat: the place where an animal lives

\*spanned: lasted

- a. Female polar bears are two-thirds the weight of male polar bears.
- b. Recently, polar bears have been getting heavier because they must go further to find food.
- c. Scientists have been studying the movements and energy consumption of polar bears.
- d. The melting of the Arctic ice has made it easier for polar bears to find food.

(3) Choose the sentence that best fits the blank and contains the main idea.

\_\_\_\_\_ The penguins were from the Kansas City Zoo in the USA. The zoo teamed up with the nearby Nelson-Atkins Museum of Art. Bosses of both the zoo and the art museum decided the penguins needed a change of scenery. The penguins were getting lonely because the zoo is closed due to the coronavirus pandemic. They are used to seeing many visitors every day. A zoo official said: “Quarantine\* has caused everyone to go a little stir crazy\*, even the residents of the Kansas City Zoo. So several of the penguins decided to go on a field trip to the Nelson-Atkins, which is still closed, to get a little culture.”

注) \*Quarantine: staying at home to prevent infection

\*go a little stir crazy: become desperate to escape from being inside

- a. A group of penguins became a tour group for the day when they visited an art museum.
- b. An American zoo has had a major disagreement with an art museum about how to care for animals.
- c. Residents of Kansas visited their local zoo to cool off during a heatwave.
- d. The animals in a Kansas zoo have become depressed because of too many visitors.

(4) Choose the word that best fits the blank.

Iceland has become the first country to make it illegal to pay women less than men. The new law, which took effect on January 1, imposes a fine on companies and government organisations employing more than 25 workers if they pay men more than women. The Scandinavian country wants to \_\_\_\_\_ the pay gap between the sexes completely within the next four years.

Iceland has been considered the world’s fairest country in terms of gender equality for the past nine years. In a country where half of the parliamentarians\* are female, women still earn about 15% less than men. The new Icelandic law aims at helping to change the attitude towards women in business and politics.

注) \*parliamentarians: national politicians who work in the parliament

- a. elaborate
- b. eliminate
- c. evaporate
- d. expire

(5) Choose the title that best represents the main idea of the following passage.

Most of us learn at school that warm air rises and cool air sinks. This has always appeared to be a fundamental principle of science. However, a study from the University of California, Davis found that there are circumstances in which cool air rises. Researchers discovered that in tropical atmospheres, cold air rises because of the lightness of water vapour. Apparently, in warmer and more humid climates, water particles become more buoyant\* and can help cooler air rise. Lead researcher Dr Da Yang said: “Water vapour has a buoyancy effect which helps release the heat of the atmosphere to space and reduce the degree of warming. Without this lightness of water vapour, the climate warming would be even worse.”

注) \*buoyant: being able to float in water or other fluid

- a. Researchers discover a new tropical atmosphere
- b. Scientists find that cold air rises
- c. Warm air is found to rise faster in humid climates
- d. Water vapour is a likely cause of global warming

[出典]

- (1) “Holi”, British Council, <https://learnenglish.britishcouncil.org/general-english/magazine/holi>
- (2) “Polar Bears Could Face Extinction Earlier Than Thought”, Klaus Rosmanitz, English Online, <https://www.english-online.at/news-articles/science/polar-bears-could-face-extinction-earlier.htm>
- (3) “Bored penguins visit art museum”, May 19, 2020, Breaking News English, <https://breakingnewsenglish.com/2005/200519-art-museum.html>
- (4) “Equal Pay For Men And Women In Iceland”, Klaus Rosmanitz, English Online, <https://www.english-online.at/news-articles/living/equal-pay-for-men-and-women-in-iceland.htm>
- (5) “Scientists say cold air rises”, May 9, 2020, Breaking News English, <https://breakingnewsenglish.com/2005/200509-cold-air.html>

2 Read the following article and answer questions (1) ~ (5).

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[出典]

“How Chopsticks Became the Staple Utensil of Asia”, Stephanie Vermillion, February 5, 2020, HowStuffWorks,  
<https://recipes.howstuffworks.com/chopsticks.htm>

- 注) \*utensils: household tools  
 \*500 C.E.: the year 500 A.D.  
 \*ubiquitous: can be seen or found everywhere  
 \*corrode: be destroyed or weakened gradually  
 \*prevalence: occurring frequently

- (1) In which of the following paragraphs does the author give an example of a country where chopsticks are not commonly used?
- Paragraph 1
  - Paragraph 3
  - Paragraph 4
  - Paragraph 7
- (2) In which of the following paragraphs does the author explain how cooking economically influenced the spread of the use of chopsticks?
- Paragraph 1
  - Paragraph 2
  - Paragraph 5
  - Paragraph 6
- (3) In which of the following paragraphs does the author mention chopsticks made of gemstones and precious metals?
- Paragraph 3
  - Paragraph 4
  - Paragraph 6
  - Paragraph 7
- (4) According to the article, what is the advantage of metal chopsticks?
- They are not damaged by direct contact with fire.
  - They are particularly suitable for eating fish.
  - They can be washed and used over and over again.
  - They do not react with salt or other seasoning.
- (5) What is the main point of this article?
- To describe some popular Asian dishes that are eaten with chopsticks.
  - To detail the dates at which chopsticks became popular across East Asia.
  - To explain how chopsticks became the main eating utensil in Asia.
  - To list the materials that chopsticks in various countries are made of.

3 次の英文の要旨を，句読点も含め 80 字以内の日本語でまとめ，解答欄に書きなさい。

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[出典]

“Kids Are Growing Up Wired — and That's Changing Their Brains”, Alex Orlando, April 14, 2020, Discover magazine,  
<https://www.discovermagazine.com/mind/screen-time-is-replacing-playtime-and-thats-changing-kids-brains>

注) \*flitting: moving quickly from one place to another

\*the siren song: the dangerous appeal

\*ADHD: 注意欠陥多動性障害

\*adolescence: the period of life when a child develops into an adult

\*neural: relating to the nervous system

\*gratification: satisfaction or pleasure

- 4 Read the passage, and explain the main point in your own words. Write your answer in English within 30 words.

Recently, I gave a presentation to a group of educators about New City School. In describing the school, I stated, “We value diversity and are pleased that 34 percent of our students are minorities, students of color.” During the break, one of the audience members, a blind woman, came up to congratulate me on valuing diversity. She also chastised\* me for talking about diversity solely in racial terms.

“What about me and others who have a physical disability?” she asked. “Don’t we have minority status?”

I recognized that she was correct and apologized to her. She was accompanied by a friend, who then reminded me that religion can also be a form of diversity. “And don’t forget sexual orientation,” she said. I nodded because, of course, they both were right.

Too often, we fall into the trap of equating the term minority with people of color. We say “minorities” when we talk about people whose skin color is not white. Such language is not only incomplete and inaccurate, but it is also offensive to many people. When we speak only to race, we are ignoring all the people who are different from the majority in other ways and the implications that follow from their diversity.

[出典]

Thomas R. Hoerr. The Art of School Leadership. ASCD, 2005, PP.137.

注) \*chastised: scolded



5 Describe the picture below in English within 50 words.



[出典]

“Maine astronaut Jessica Meir to participate in first spacewalk conducted by two women”,  
Maria Lovate, October 15, 2019, The Boston Globe,  
<https://www.bostonglobe.com/metro/2019/10/15/maine-astronaut-jessica-meir-participate-first-spacewalk-conducted-two-women/0I017J1bgjhZwd0eg0c1GO/story.html>

- 6 Do you agree or disagree with the following statement? Write your answer in English within 50 words.

Homework is beneficial for students.