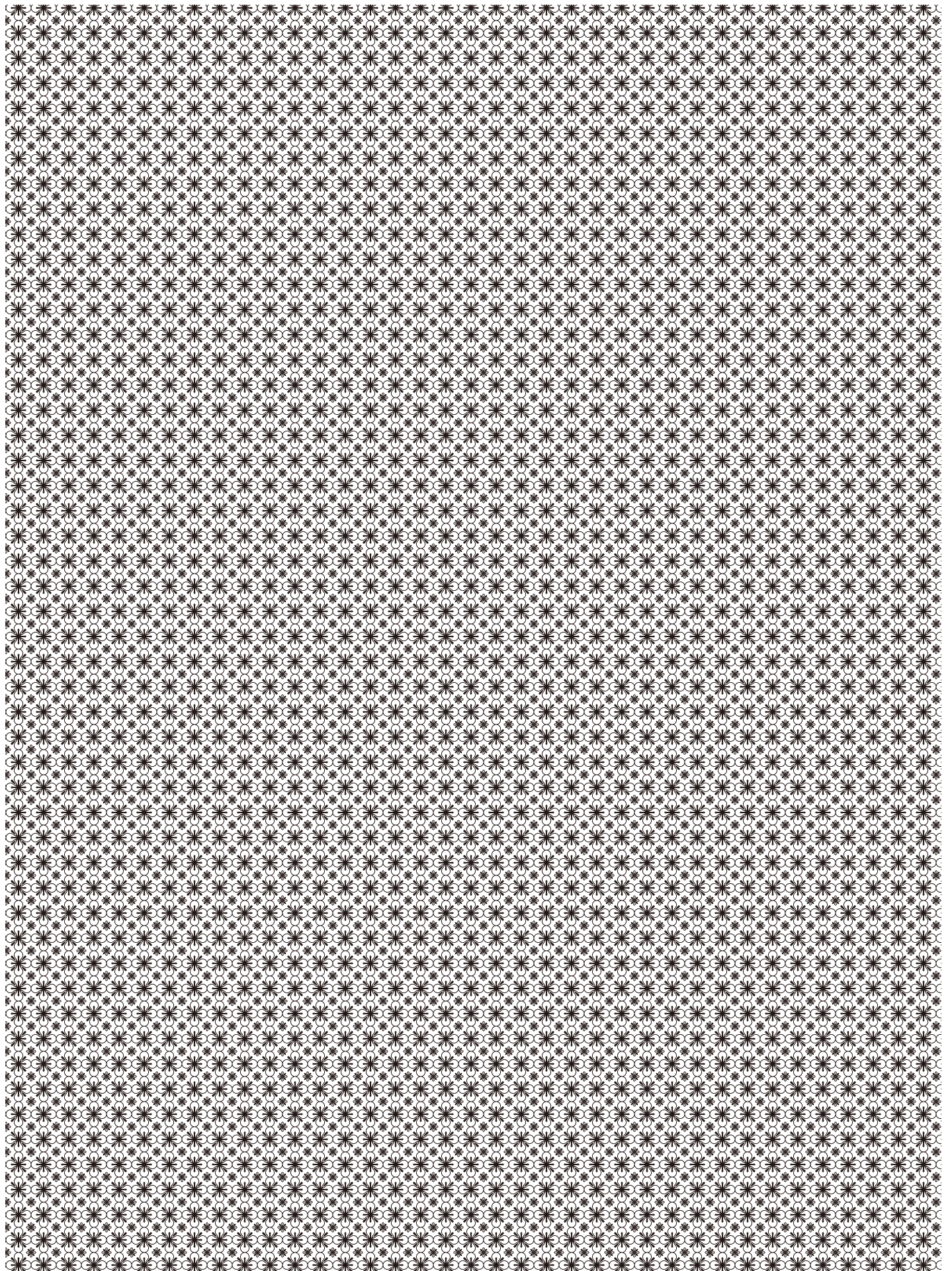


英 語



1 次の文章は Communicating Dreams to Children Must be Part of Role というタイトルの記事です。本文を読んで問1～6の設問に答えなさい。

① Space development is about to enter an era of pursuing* manned lunar exploration*. It is hoped that Japan's space agency will make efforts to realize a generational shift from veteran to younger astronauts to take on new missions. The Japan Aerospace Exploration Agency (JAXA) has picked two new astronaut candidates, the first time it has done so since 2009.

② The successful candidates, Makoto Suwa, a World Bank employee, and Ayu Yoneda, a doctor, were selected from a record number of more than 4,000 applicants after several rounds of tests and interviews. The abilities of the two candidates were recognized through JAXA's rigorous* selection process. They must fully demonstrate their strengths going forward.

③ In its latest recruitment drive*, JAXA significantly eased* the required qualifications*. "Graduation from a four-year university course in the natural sciences" was no longer a requirement, among other changes. As a result, about 20% of the applicants were not science graduates, according to JAXA. It can be said that widening the door to entry has been meaningful.

④ The navigation and docking of spacecraft have become increasingly automated, raising the chances of people without special skills in equipment operation and other abilities who want to become [①]. The lunar exploration plan includes the construction of a lunar base. The work of astronauts will no doubt become even more diverse* in the future.

⑤ Suwa, 46, works for the World Bank in the United States. He has worked for international organizations for a long time, and his background will be put [②] even in space development, in which cooperation among countries is essential. Yoneda, 28, is the youngest-ever pick as an astronaut candidate, and the third woman, in the Japanese astronaut corps*. Her experience as a doctor will no doubt be useful for health management and other purposes during long-term stays in space.

⑥ The United States is promoting the manned lunar exploration "Artemis Program." Japan, which is participating in the program, is aiming for its first landing on the moon in the late 2020s or later. Suwa and Yoneda have a good chance to grasp this historic opportunity. During the selection process, the applicants were required to walk on sandy terrain* that mimics* the lunar surface, report on their activities in English and assemble* a lunar rover, JAXA said. Japanese astronauts who have stood on the moon will be able to

communicate to children in their own words the dream-inspiring nature of their work. It is hoped that such a day will come in the not-too-distant future.

(出典: “Communicating Dreams to Children Must be Part of Role,” ~~The Japan News, March 2, 2023.~~
(一部変更あり)) 2023年3月3日 The Japan Newsより抜粋

* pursuing: ~を目指す manned lunar exploration: 有人月探査 rigorous: 厳しい
recruitment drive: 採用活動 eased: 緩めた qualifications: 資格
diverse: 多様な corps: 部隊 terrain: 地形 mimics: よく似る
assemble: 作る

〔問 1〕 第1段落を読んで答えなさい。これから何を追求する時代に突入しようとしていますか。

1. 地球外生物の探査
2. 有人月探査
3. 宇宙基地の建設
4. 民間企業による人工衛星の打ち上げ
5. 宇宙における国際協力

〔問 2〕 第1段落を読んで答えなさい。JAXAが新しい宇宙飛行士候補を選定したのは、およそ何年ぶりですか。

1. 約3年
2. 約7年
3. 約14年
4. 約17年
5. 約20年

〔問 3〕 第3段落を読んで答えなさい。JAXAは今回の募集にあたり、応募資格をどのように変更しましたか。

1. 特殊技能を持っていることが追加された。
2. 医学部卒業生であることが追加された。
3. 英語が話せることが追加された。
4. 宇宙開発に関する知識を持っていることは条件から外された。
5. 大学での自然科学系の学位取得は条件から外された。

- 〔問 4〕 第4段落を読んで答えなさい。①に入る単語としてもっとも相応しいものを選びなさい。
1. bankers
 2. astronauts
 3. lawyers
 4. doctors
 5. engineers
- 〔問 5〕 第5段落を読んで答えなさい。②に入る語句としてもっとも相応しいものを選びなさい。
1. it through
 2. down on
 3. up with
 4. to good use
 5. it forward
- 〔問 6〕 第6段落を読んで答えなさい。新たな日本人宇宙飛行士は、どのような歴史的機会をつかめる可能性がありますか。
1. 2020年代後半以降に月面着陸を果たすこと
 2. 月面を模した砂地を歩くこと
 3. 月探査車を組み立てること
 4. 自分の言葉で子供たちに夢のある仕事内容を伝えること
 5. アメリカで宇宙飛行士になるための訓練を受けること

2 問7～10には英単語とその定義が書かれています。1～5のうち英語の定義が間違っているものを一つずつ選びなさい。

〔問 7〕

1. capture : to finish doing or making something
2. place : to put something in a particular position
3. compute : to calculate a number
4. negotiate : to have formal discussions with someone
5. analyze : to examine or think about something carefully

〔問 8〕

1. overseas : in or to a foreign country that is across the sea
2. emotional : relating to feelings
3. historic : relating to something that happened or existed a long time ago
4. mental : relating to the mind and to the way that people think and feel
5. global : relating to a particular region or area

〔問 9〕

1. legal : relating to or belonging to a king or queen
2. military : relating to the armed forces
3. physical : relating to the body or to things that are related to the body
4. curious : wanting to know about something
5. intellectual : relating to the ability to think and understand ideas

〔問 10〕

1. text : the written words in a book, magazine, etc.
2. trial : an official process to examine or judge something
3. access : to go somewhere with someone
4. actor : someone who performs in plays or films
5. bread : a type of food made from flour, water, and yeast or baking powder

3 〔問 11〕「英文の（ ）内に入るもっとも適切な語を選ぶ問題」で、次の1～5のうち答えの間違ったものはどれですか。日本語訳を参考にしながら、一つ選びなさい。

1. Lower your voice, (and / or / but) you will be overheard.
声を小さくしないと、聞かれてしまいますよ。
2. San Francisco is the city (when / where / that) I will visit next month.
サンフランシスコは、私が来月訪れる予定の都市です。
3. (Development / Developing / Develop) communication skills makes your life more satisfying.
コミュニケーション能力を高めることは、人生をより満足のいくものにします。
4. General meetings (hold / held / are held) every two years.
総会は2年に1回、開催されます。
5. Japanese companies considered (expand / expanding / expansion) their businesses in Asian countries.
日本企業は、アジア諸国への事業展開を検討しました。

4 〔問 12〕「英文の（ ）内に入るもっとも適切な語または語句を選ぶ問題」で、次の1～5のうち答えの間違ったものはどれですか。

1. She was (gifted / given / provided) great natural ability.
2. Rising costs made it hard to carry (up / on / off) the business.
3. Bronze is (consisted / composed / considered) of copper and tin.
4. You must learn to be content (of / over / with) what you have.
5. I can't (cost / afford / provide) \$ 30 for one book!

5 〔問 13〕 次の 1～5 の会話を読み、下線部の英文の内容が文脈に合っていないものを一つ選びなさい。

1. Karen : Mr. Carter, could I leave early today?
Mr. Carter : Well, you've already finished the report I asked you for, so that should be no problem.
Karen : Thank you. It's my mother's birthday today.
Mr. Carter : Oh, how old is she now?
Karen : She just turned sixty.
Mr. Carter : She's already sixty? Time flies.
Karen : Yes, it really does.
Mr. Carter : Are you going to get a cake for her?
Karen : Yes, of course. I'm going to get a cake with lots of fruits.
Mr. Carter : Sounds perfect.
2. Carol : Good morning, Dan. How was your weekend?
Dan : It was good, thanks.
Carol : Did you do anything special?
Dan : Well, I was finally able to enjoy doing some writing on the terrace of my favorite cafe.
Carol : Oh, that sounds exciting!
Dan : Yeah, it is exciting. The hardest part is finding a seat because it's always crowded on weekends.
Carol : That's true. By the way, what do you usually write about?
Dan : I just write whatever comes to my mind.
3. Merrill : Hi, Ed. I saw you on Sunday.
Ed : Oh, did you? Why did you see me?
Merrill : It was in the shopping mall. You were with a young woman.
Ed : Was I? Are you sure it was me? I was there alone on Sunday.
Merrill : Really? I'm pretty sure it was you. You seemed to be enjoying chatting with her.
Ed : Oh, now I remember. That was one of my English students. We bumped into each other by chance.

4. Mom : Honey, I was thinking that we should go on a trip to celebrate our daughter's high school graduation.
Dad : Good idea. Where do you suggest we go?
Mom : How about Guam?
Dad : I'm not sure about that. We've already been to Guam.
Mom : But Christine wants to go again. She loves the beach.
Dad : Well, but hotel prices are kind of expensive at this time of year.
Mom : Let me look for some deals on the internet.
Dad : OK.
5. Georgia : Daniel, I'm getting nervous about playing in the piano recital tomorrow.
Daniel : Just relax. You'll do fine. You've practiced hard for months. There's no need to worry.
Georgia : I know. But what if I make a mistake?
Daniel : Here. Have this candy. You'll become completely relaxed.
Georgia : Just by eating candy?
Daniel : Absolutely. Because it's my special magic candy!
Georgia : Oh, Daniel, you're awesome! Thank you.
Daniel : Don't mention it, my little princess. I'll always be there for you.

6 次の英文は、Cooking began 600,000 years earlier than we thought というタイトルの報道です。文章を読んで以下の問いに答えなさい。

People may have started using fire to cook food 600,000 years before previously thought. Archeologists* in Israel* say that our early ancestors used fire to cook fish 770,000 years ago. These prehistoric* humans lived on the banks of the Jordan River. They used fire to cook “huge fish” they caught in a nearby lake. Until this new discovery, scientists believed that the first “definitive* evidence” of cooking was by Neanderthals and early Homo sapiens, around 170,000 years ago.

Researchers spent 16 years analyzing ancient fish bones and teeth. They told reporters that: “It was like facing a puzzle...until we could make a story about human evolution.” Their biggest problem was to find out whether or not the fish had been eaten raw and then their bones thrown into the fire, or whether it had been cooked first. They said: “The whole question about exposure* to fire is whether it is about getting rid of remains* or a desire to cook.”

(出典: “Cooking began 600,000 years earlier than we thought,” November 21, 2022, Breaking News English.)

* archeologist : 考古学者 Israel : イスラエル prehistoric : 先史時代の
definitive : もっとも信頼できる exposure : さらされていること remains : 残り物

〔問 14〕 人類が火を使った調理を始めた時期について、どのような可能性があるかと報告されていますか。

1. 17万年前
2. 60万年前
3. 77万年前
4. これまで考えられていたよりも60万年前
5. これまで考えられていたよりも77万年前

〔問 15〕 研究者が直面した最大の問題は何ですか。

1. 魚が焼かれる前に生で食べられたかどうか
2. 古代の魚の歯と骨を解析することの難しさ
3. 火を使う目的が何であったかを特定すること
4. 原始人が魚を釣った場所を正確に特定すること
5. 焼いた魚と生の魚の見分け方

