

学力検査問題 [英語] (その1)

(2022 一般 I A)

解答はすべて解答用紙に記入せよ。

1 次の英文を読んで、問いに答えよ。

Water is one of our most valuable resources, but like many natural resources, it is becoming scarce. The World Health Organization reports that globally three out of ten people do not have access to safe, clean water at home and 2.7 billion people find water scarce for at least one month a year. Water scarcity is caused by various issues, including drought, pollution, overuse, and sometimes from conflicts such as war and dictatorial governments. A Many of us who don't face water shortages often take this resource for granted; we do not understand or appreciate the vast amount of water we use and depend on daily. For example, in her book, *Replenish*, Sandra Postel, author and former director of the Global Water Policy Project, states that it takes 1,250 liters (330 gallons) of water just to make a simple cheese pizza. Most of (1) it, she states, goes into growing the feed for the cows that we milk for cheese and growing the tomatoes. And your morning cup of coffee? Well, it takes about 129 liters (34 gallons) of water just to grow the coffee beans. Finding solutions to water scarcity, while at the same time conserving the water we have, should be our highest priority.

Some innovative ideas are being implemented worldwide to deal with water scarcity. One solution being carried out in rural India is to use solar power to make dirty water clean. Solar-powered pumps filter undrinkable water and make (2) it useable. However, this solution is complex and costly, and villagers must buy the clean water in order to pay for the cost of the solar power technology. Another solution is the use of Fog Catchers. Fog Catchers are large nets or screens that are set up across a mountainside; they catch the morning fog which then drips into collection trays. In contrast to the previous solution, the water is free, but it is limited in quantity and would not supply enough water for a larger village or for irrigation. The Water Seer is another possible solution. The Water Seer is a large device that turns air into water. Wind turbines collect air above ground and push the air down into the ground where (3) it condenses and turns into water. Similar to the Fog Catcher, (4) it is not complex or costly. However, the amount of water produced is limited, and the device won't work in very dry places, [it nor will work] without wind. Finally, unlike any other solution, some scientists in Belgium have created a solar-powered machine that turns urine into drinkable water!

While all of these solutions are promising and address the problem, they may not produce enough water to make them viable. In addition, their implementation would require massive amounts of money and resources. Therefore, the most sustainable and practical solutions are the ones that call for changes that we can make on a daily basis. These include taking shorter showers or even skipping a shower, turning off the water while washing hands and brushing teeth, running the dishwasher only when full, and reusing your pasta water for watering plants or flushing the toilet. Educating ourselves and the people around us about water usage and ways we can conserve water in our communities are essential steps. We could also donate our time or money, if possible, to causes that promote water conservation and water education.

The water we use is precious. Scientists say that by 2025, one-third of the world will be affected by water shortages, and it will only get worse after that. B Preserving our water for our present and future generations should be our greatest priority. As caretakers of our world, we each have a responsibility to conserve this resource.

[English, Andrew K.; English, Laura Monahon, Northstar Reading and Writing 4 with Digital Resources, 5th edition, (c)2019. Reprinted by permission of Pearson Education, Inc.]

注 The World Health Organization : WHO, 世界保健機関
implemented : 実施される
dishwasher : 食器洗い機
scarcity : 不足
irrigation : 灌漑 (かんがい)
donate : 寄付する
urine : 尿
causes : (福祉・環境保護などを目的とした) 運動
drought : 干ばつ
dictatorial : 独裁的な
viable : 実現性のある

学力検査問題 [英語] (その2)

(2022一般I A)

解答はすべて解答用紙に記入せよ。

1 []内の下線を施した語を並べかえて英文を完成せよ。

2 下線部 A を和訳せよ。

3 下線部 B を和訳せよ。

4 下線部 (1) ~ (4) の代名詞が指すものを, ア~サから選び, 記号で答えよ。

- | | | | |
|-------------------------|---------------------|-------------------|---------------|
| ア 1,250 liters of water | イ a cheese pizza | ウ one solution | エ solar power |
| オ the air | カ the feed | キ the Fog Catcher | ク the ground |
| ケ the Water Seer | コ undrinkable water | サ water scarcity | |

5 本文の内容と合っているものを, ア~ケから4つ選び, 記号で答えよ。

- ア Due to global water shortage, various issues such as drought and pollution are caused.
- イ Saving water in daily life is the most sustainable solution to water scarcity.
- ウ Solar-powered pumps are used in India to make dirty water clean.
- エ All of us, as caretakers of the world, are supposed to pay for the cost of solar power technology.
- オ Sandra Postel created a solar-powered machine that turns urine into drinkable water.
- カ According to WHO, 30 percent of people around the world cannot get safe, clean water at home.
- キ Water Seers use wind turbines to collect air.
- ク Education focusing on issues of water scarcity and water protection is no longer needed.
- ケ If people use the Fog Catcher, they can produce enough water for irrigation.

2 次の各文の () 内に入れるべき語句を, ア~エから選び, 記号で答えよ。

1 () I bought at the grocery store were rotten.

- ア Half eggs イ Half of eggs ウ Half the eggs エ The half eggs

2 I make () a rule to get up at six.

- ア it イ one ウ that エ upon

3 My son is now () by his friend's mother.

- ア been looked after イ being looked after ウ looking after エ to look after

4 Becky does not speak () she is asked to.

- ア despite イ without ウ since エ unless

5 Ten minutes' walk () us to the station.

- ア allowed イ brought ウ came エ turned

6 I couldn't () staring at his unusual hairstyle.

- ア help イ mind ウ take エ worth

7 He is () the tallest player in our club.

- ア best of all イ by far ウ much more エ superior

8 Edward wrote a letter of () to the bank.

- ア inquire イ inquiry ウ inquired エ inquirer

9 () with, several different issues were involved.

- ア Beginning イ To begin ウ To beginning エ To have began

学力検査問題 [英語] (その3)

(2022 一般 I A)

解答はすべて解答用紙に記入せよ。

3 次の各文の()内に入る前置詞を, ア～タから選び, 記号で答えよ。ただし, 同じ記号を2回以上用いてはならない。

- 1 Your daughter looks very sweet () her new dress.
- 2 I'm sure our assistance will help the country fight () poverty.
- 3 Shinano River flows () several cities and then into the sea.
- 4 A lot of fans followed close () the famous movie actor.
- 5 As () me, I don't like that TV program.
- 6 A drowning man will catch () a straw.
- 7 I was not conscious () his presence in the classroom.
- 8 The father seized the spoiled child () the hand.
- 9 Can we get to the hotel () dark?

ア	above	イ	against	ウ	at	エ	before	オ	behind	カ	below	キ	by	ク	for
ケ	in	コ	less	サ	of	シ	on	ス	over	セ	through	ソ	under	タ	until

4 次の各組の二文がほぼ同じ意味を表すように, ()内に適当な語を入れよ。

- 1 My brother asked me a favor.
My brother asked a favor () ().
- 2 It is very kind of you to invite me to your house.
You () very kind () invite me to your house.
- 3 We learned English and French when young.
We learned English and French when () () young.

5 日本文の意味を表すように, ()内の下線を施した語句を並べかえて英文を完成せよ。

- 1 ハリーはクラスメートに謝り, そして帰って行った。
(and apologized classmates to Harry left his).
- 2 彼は昨夜7時には戻ってきていたに違いない。
(seven been must last he back have by) night.
- 3 準備をするための時間はほとんど残されていない。
(to is there prepare time little left).
- 4 僕が今朝食べたリンゴはおいしかった。
(which was this the morning I delicious ate apple).
- 5 この薬を飲めば, 気分が良くなるでしょう。
(you better feel will make medicine this).

解答用紙 [英語]

2022
般 I A

受験
番号

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1

1	
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2	
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3	
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4	(1)		(2)		(3)		(4)	
---	-----	--	-----	--	-----	--	-----	--

5								
---	--	--	--	--	--	--	--	--

2

1	2	3	4	5	6	7	8	9

3

1	2	3	4	5	6	7	8	9

4

	1		2		3	

5

1		.
2		night.
3		.
4		.
5		.

解答用紙 [英語]

2022
般 I A

受験 番号	
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解答例

1 1 nor will it work

2 水不足に直面していない私たちの多くは、しばしば
この資源を当然のものと思う。

3 現在と未来の世代のために私たちの水を確保することが、
私たちの最優先事項であるべきだ。

4 (1) ア (2) コ (3) オ (4) ケ

5 イ ウ カ キ

2 1 2 3 4 5 6 7 8 9
ウ ア イ エ イ ア イ イ イ

3 1 2 3 4 5 6 7 8 9
ケ イ セ オ ク ウ サ キ エ

4 1 2 3
of me are to we were

5 1 Harry apologized to his classmates and left.
2 He must have been back by seven last night.
3 There is little time left to prepare.
4 The apple which I ate this morning was delicious.
5 This medicine will make you feel better.