

英 語

(解答番号 ~)

I 次の各問の意味を表す英文になるように、選択肢①～④の語を並べかえ、下線部の1番目と3番目にくる単語の番号をマークしなさい。ただし、文頭にくる単語も小文字で書かれている。

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- (1) 暑いですね。何か冷たい飲み物をいただけますか。

It's hot, isn't it? Will you give me _____ _____ ?

〈選択肢〉

① drink ② something ③ to ④ cold

- (2) いつ出発するのか、できるだけ早く教えてください。

Please _____ _____ to start as soon as possible.

〈選択肢〉

① when ② know ③ me ④ let

- (3) 家に明かりがついていないから、彼はもう空港に行ったに違いない。

He _____ _____ the airport since there is no light in his house.

〈選択肢〉

① have ② for ③ left ④ must

- (4) 彼女だけではなく、私もその知らせを聞いて驚いた。

_____ _____ also I was surprised to hear the news.

〈選択肢〉

① only ② she ③ but ④ not

II 次の2つの英文がほぼ同じ意味になるように、下線部に入るべき語句として最も適切なものを選択肢①～③の中から1つ選びなさい。解答番号は ～

(1) It seems that they made a serious mistake yesterday.

They seem a serious mistake yesterday.

〈選択肢〉

- ① have to make ② to have made ③ to have meking

(2) If there is a fire, push this button at once.

, push this button at once.

〈選択肢〉

- ① In case of fire ② The fire is case ③ In fire of case

(3) We know that she is a very famous singer.

She a very famous singer to us.

〈選択肢〉

- ① is be to known ② is to be known ③ is known to be

(4) As we didn't have a map, we got lost in the mountain.

, we got lost in the mountain.

〈選択肢〉

- ① Not having a map ② Not a map having ③ Having a map not

Ⅲ 次の各問の意味を表す英文になるように、空所に入れる語句として不適切なものを選択肢

①～③の中から1つ選びなさい。解答番号は ～

- (1) それはとても大きな音だったので、家中の者がみんな目を覚ました。

It was everybody in the house.

〈選択肢〉

- ① such a loud noise that it woke ② such a loud noise as to wake
③ a so loud noise that it woke

- (2) 雨降りであったが、私たちはすてきな休日を楽しんだ。

We had a wonderful holiday .

〈選択肢〉

- ① instead of the rain ② though it rained ③ in spite of the rain

- (3) モンブランはヨーロッパで最も高い山である。

No other mountain in Europe is Mont Blanc.

〈選択肢〉

- ① the highest of ② higher than ③ as high as

IV 次の英文を読んで、あとの問いに答えなさい。

It is obvious that ① developed countries cannot keep on making and using energy as they do now without endangering the health of the planet. However, it can be understood that people in developing countries want some of the benefits ② that energy brings to developed ones.

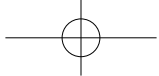
There are three main ways to ③ meet the world's present and future energy needs: cleaning up the ways energy is produced; improving or inventing others, less damaging ways to make it; and saving it.

To clean up existing energy plants is expensive and only partly effective. It is possible to filter out some of the pollution from coal-burning smokestacks, but there is no known way to reduce the emission of carbon dioxide, (A) there is no known way to clean up nuclear waste.

Clearly we can learn to create energy (B) less damaging ways than (C) fossil fuels or nuclear power. Solar power is one important source of energy. (D) through chemical reactions in photovoltaic cells. Wind power is another source of energy, and so is heat from within the earth — geothermal energy. Other sources of energy like biomass — plant and animal wastes — have been used for centuries around the world. Today we need to find inexpensive and easy ways to develop these energy sources for wide-spread use.

There is only one sure way to solve the world's energy problem, and that ④ [ア of, イ less, ウ is, エ using, オ by] it. The United States has 5 percent of the world's population, but uses 26 percent of the world's oil. Those who use the most energy now are most responsible for cutting back. We can do it. We have to learn how to use energy more efficiently to (E) and cool buildings and (F) machines and appliances and cars. We have to get used to thinking about the energy we're using as we use it in our daily lives, and to keep the idea of saving it always in our minds. ⑤ We don't need to invent energy-saving machines — we can *be* them!

- (注) filter out 濾過して取り除く smokestack (船・工場などの) 煙突
emission 排出 nuclear waste 核廃棄物
photovoltaic cell 光電池 (二種類の物質の接合部に光を照射した時に生じる電池)
geothermal 地熱の biomass バイオマス
appliance (特に家庭・事務用のガス・電気) 器具



(1) 下線部 ① の日本語訳として最も適切なものを1つ選びなさい。

解答番号 ⑩

〈選択肢〉

- ① 先進国は現在、地球の健康を危険に晒さずにいるので、発展途上国はエネルギーを作ったり使ったりし続けることができない。
- ② 発展途上国は世界に害を与えずに、現在、自分たちでエネルギーを作ったり使ったりして保存することはできない。
- ③ 先進国は地球の健康に害を与えずに行動しているので、彼らはエネルギーを作ったり利用したりし続けることができない。
- ④ 先進国は地球の健康を危険に晒さずに、現在のようにエネルギーを作ったり使ったりし続けることはできない。
- ⑤ 発展途上国が地球の健康を危険に晒さずに行動しなければ、先進国はエネルギーを作ったり使ったりし続けることはできない。

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(2) 下線部 ② の that と同じ用法が使われている文を1つ選びなさい。

解答番号 ⑪

〈選択肢〉

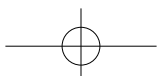
- ① Do you know what happened to the dog that was often barking last night?
- ② It isn't not clear that these comments from them are correct.
- ③ I can't believe the rumor that she is going to quit her job so soon.
- ④ I don't see why you have to talk about her that way.
- ⑤ It was yesterday that he came across one of his old friends at the station.

(3) 下線部 ③ とほぼ同じ意味を表す語を1つ選びなさい。

解答番号 ⑫

〈選択肢〉

- ① see
- ② face
- ③ satisfy
- ④ look
- ⑤ join



(4) 空欄 A に入れる語として最も適切なものを 1 つ選びなさい。

解答番号

〈選択肢〉

- ① however
- ② just as
- ③ even though
- ④ if only
- ⑤ in conclusion

(5) 空欄 B, C に入れる語として最も適切なものを 1 つ選びなさい。

解答番号

〈選択肢〉

- ① B for C of
- ② B to C at
- ③ B in C with
- ④ B on C beyond
- ⑤ B above C by

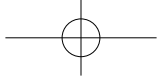
(6) 空欄 D に入れるべき文として最も適切なものを 1 つ選びなさい。

解答番号

〈選択肢〉

- ① The earth's surface can also be used to produce energy
- ② The rise and fall of the tide can also be used to create power
- ③ The water-power generation is often referred to as energy
- ④ The sun's power can also be used to generate electricity
- ⑤ The rain forests should be protected from too much cutting down

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- (7) 下線部④が「それはエネルギーの使用をより少なくすることによってである」という意味になるように [] 内の語を並べかえたとき，2番目と4番目の語の記号の組み合わせとして，適切なものを1つ選びなさい。

解答番号 22

〈選択肢〉

- ① オーエ
- ② エーイ
- ③ オーイ
- ④ エーア
- ⑤ イーオ

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- (8) 空欄E，Fに入れる語の組み合わせとして最も適切なものを1つ選びなさい。

解答番号 23

〈選択肢〉

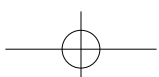
- ① E make F repair
- ② E design F work
- ③ E build F buy
- ④ E heat F run
- ⑤ E see F move

- (9) 下線部⑤の理由として最も適切なものを1つ選びなさい。

解答番号 24

〈選択肢〉

- ① 私たち自身がそうした機械になれるのである。
- ② 私たちは発明家のようになる可能性がある。
- ③ 私たちがエネルギー節約の機械を発明できる。
- ④ 私たちはエネルギー節約ができている。
- ⑤ 私たちはエネルギー節約を心に留めておける。



(10) 本文の内容に合うものを1つ選びなさい。

解答番号 25

〈選択肢〉

- ① 現存するエネルギー工場を一掃することは高くつくが，効果は絶大である。
- ② 太陽エネルギーは，風力エネルギーや原子力エネルギーと同じように重要である。
- ③ バイオマスは，植物や動物といった生物物質を犠牲にすることで可能である。
- ④ アメリカ合衆国は，石油を大量に生産する責任を世界に負っている。
- ⑤ 私たちは，今，使用しているエネルギーについて考えることに，慣れなければいけない。

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V 次の英文を読んで、下の問いに答えなさい。

Do you know “Earth Hour”? Earth Hour started in Australia in 2007. It was first organized by the WWF (World Wide Fund for Nature) to raise awareness about environmental issues, such as climate change and saving resources. Every year, from 8:30 pm to 9:30 pm on the last Saturday of March, participating individuals and organizations turn off non-essential lights and power for one hour. It starts from the South Pacific countries, which are first to reach 8:30 pm local time, and as the darkness stretches further to the east, so does the Earth Hour. Ever since the campaign started, it has attracted more and more participants and grown into an international event. In 2021, a record number of 192 countries and territories participated. It was the first year the campaign was held online as well, and many people shared pictures on SNS or searched for information on the Internet.

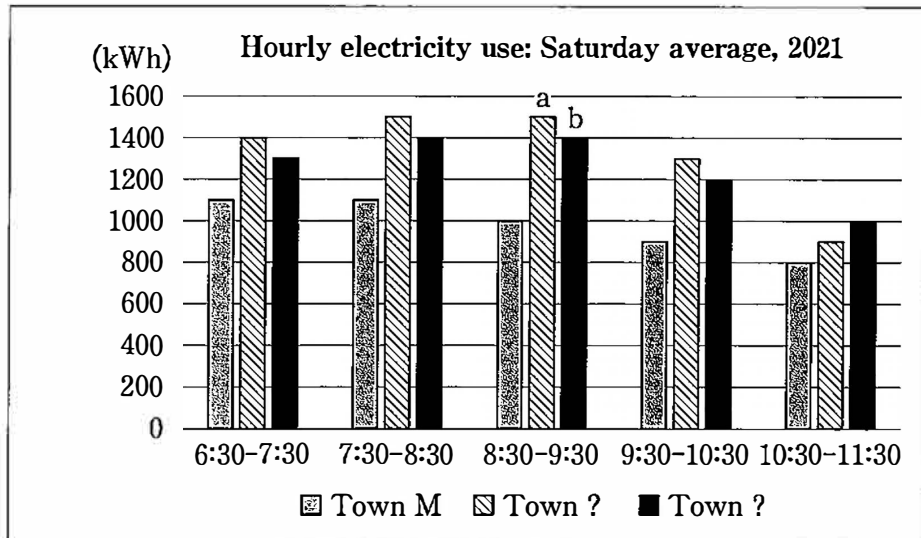
City X has been taking part in Earth Hour since 2019. Many households, as well as some companies, shops, and restaurants, in the city switched off the lights for one hour again this year. On the day before, schools encouraged students and their parents to spend quality time during Earth Hour without any technological devices such as TV, the Internet, or smartphones — for example, by telling stories or playing board games by candlelight or watching the stars.

The following figures show electricity use in City X from 6:30 pm to 11:30 pm on an average Saturday and the last Saturday of March in 2021. City X consists of three major divisions: Town G, Town K, and Town M. Town G successfully cut its power consumption during the Earth Hour. This is perhaps because Town G is a residential area, and many families with school-aged children live there. Environmental education seems well advanced in this area. Town M reduced its electricity use only by 10% during Earth Hour compared to an average Saturday, but the town is very green with two large public parks, so its power consumption is never that high in the first place. Moreover, the reduction continued after 9:30 pm until the end of the day. Town K, however, did not show significant differences from 8:30 pm through 9:30 pm. Town K is very close to the city center; even though some companies and organizations took part in the event, most restaurants seem to have kept their operations going because it was right in the middle of their main opening time.

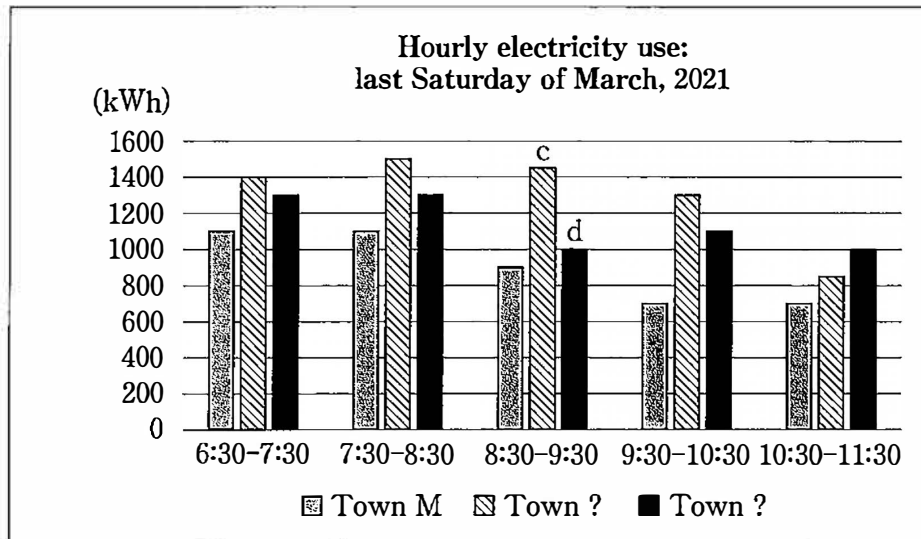
Earth Hour may just be one hour of saving energy out of the many hours and days in a year. The amount of energy reduced during this hour cannot be dramatic. However, the messages it delivers could be symbolic. Perhaps you have seen pictures of big cities, such as Hong Kong,



Paris, and New York, in darkness. The dark high-rises are very impressive. Keeping those images in mind, we should review our everyday habits to build a sustainable lifestyle that does not damage the environment.



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<参考文献>

<https://www.earthhour.org>



問1 本文の内容と合うものを、①～⑥の中から2つ選び、番号で答えなさい。

26 27

- ① City X participated in Earth Hour online in 2020.
- ② Earth Hour starts from places where night falls earlier.
- ③ More countries participated in Earth Hour in 2020 than 2021.
- ④ Schools in City X encouraged their students to enjoy Earth Hour.
- ⑤ The world's largest cities have never taken part in Earth Hour.
- ⑥ Town K made a significant cut in electricity use during Earth Hour in 2021.

問2 次の(1), (2)の各英文が本文とグラフの内容と一致するように、空欄に入れるのに最も適切なものを、①～④の中からそれぞれ1つ選び、番号で答えなさい。

(1) In the graphs, the bar that indicates Town G during Earth Hour is 28 .

- ① a
- ② b
- ③ c
- ④ d

(2) The amount of Town M's electricity use during Earth Hour was 29 .

- ① 800 kWh
- ② 900 kWh
- ③ 1000 kWh
- ④ 1200 kWh

問3 次の質問の答えとして最も適切なものを、①～④の中から1つ選び、番号で答えなさい。

According to the article, why didn't electricity use in Town K change much during Earth Hour? 30

- ① A large part of Town K is not green.
- ② No companies and organizations in Town K participated in Earth Hour.
- ③ There are many young families living in Town K.
- ④ There were many businesses that were busy at that time in the evening.

