

第1問～第4問はマークシートに解答しなさい。[]内の数字はマークシートの解答番号を示しています。該当する解答番号の解答記入欄に答えをマークしなさい。

第1問 次の問い(問1～5)について、空所[1]～[5]に入れるのに最も適切なものを、それぞれ、下の選択肢①～④の中から1つ選びなさい。

問1 [1] to the magazine, the band has split up.

- ① According ② Referencing ③ Regarding ④ Considering

問2 After pausing, she carried [2] with her incredible story.

- ① in ② to ③ on ④ into

問3 The meeting will probably be [3] soon.

- ① over ② finish ③ end ④ close

問4 He should get that tire fixed. [4], he may have an accident.

- ① Fortunately ② Primarily ③ Considerably ④ Otherwise

問5 This is, without [5], the hardest thing I have tried.

- ① instance ② cause ③ doubt ④ absence

第2問 次の問い(問1～5)について、与えられた日本語の内容になるように、それぞれ、下の**選択肢** ①～⑤の語句を空所に入れて、最も適切な文を完成させなさい。ただし、**空所** [6]～[15]に入るもののみを答えなさい。なお、文頭にくるものも小文字にしてあります。

問1 何も起きはしなかったのだと、彼は思い当たった。

It _____ [6] _____ [7] _____ happened.

- ① nothing ② occurred ③ that ④ had ⑤ to him

問2 彼女にとって、チームは全てでした。

_____ [8] _____ [9] _____.

- ① meant ② to ③ the team ④ her ⑤ everything

問3 ケンカというより、話し合いでした。

It _____ [10] _____ [11] _____ a fight.

- ① a discussion ② more ③ than ④ was ⑤ of

問4 私は、彼女がお昼を食べるのに苦労しているのをよく見かけます。

I often _____ [12] _____ [13] _____.

- ① her ② eating lunch ③ trouble ④ see ⑤ having

問5 出向くかの決定は、多くのことに左右されます。

_____ [14] _____ [15] _____ many things.

- ① on ② to ③ depends ④ the decision ⑤ go

第3問 次の問い(問1～5)について、空所[16]～[20]に入れるのに最も適切なものを、それぞれ、下の選択肢①～④の中から1つ選びなさい。

問1 **A:** Our meetings are constantly delayed.

B: How does that make you feel?

A: [16] .

B: Yeah. I can imagine it's quite annoying for you.

- ① It can be very frustrating
- ② Too much noise is distracting
- ③ That's not too often, though
- ④ That's quite considerate of your boss

問2 **A:** Do you pay for your lunch at work?

B: Yes. [17] .

A: Oh, that seems convenient.

B: Yes. I don't need to bring my wallet.

- ① I pay by cash each time
- ② It's taken out from my pay
- ③ It's free for all employees
- ④ I often buy my own food to share

問3 **A:** What did you do after the show last night?

B: I met and complimented the main actor.

A: Really? What did you say about his performance?

B: [18] .

- ① I requested an interview
- ② I told him he lacked energy
- ③ I said that the performance was awful
- ④ I praised his acting

問4 **A:** Did you see the new Halloween poster?

B: Yes. There is quite a contrast between this year's and last year's.

A: Really? What is the difference?

B: [19] .

- ① The colors are all the same
- ② I think there is a spelling mistake
- ③ They completely changed the theme
- ④ They are fairly similar

問5 **A:** I've never experienced anything like that before.

B: The waiters were all so impatient.

A: I know. [20] .

B: Do you think we should tell the manager?

- ① All of them were extremely polite
- ② I can't wait to recommend this restaurant
- ③ It was such superior service
- ④ They were very rude from the start

第4問 次の英文を読んで、空所[21]～[30]に入れるのに最も適切なものを、それぞれ、後の
選択肢①～④の中から1つ選びなさい。なお、*の付いた語句には、文末に注があります。

第4問の問題文は、著作権の都合により
掲載しておりません

[出典 <https://medium.com/@talkhealthnow/why-talking-is-important-for-all-of-us-talk-health-now-ae2052dabe4e> 改変あり]

(注) pressure valve : 圧力弁

選択肢

- [21]: ① deserve ② worth ③ diverse ④ worse
- [22]: ① or ② lest ③ despite ④ once
- [23]: ① without ② like ③ to ④ into
- [24]: ① apart ② a break ③ sides ④ place
- [25]: ① Otherwise ② Unfortunately ③ Fortunately ④ However
- [26]: ① get upset ② make sense ③ take time ④ turn over
- [27]: ① industrious ② ethic ③ overwhelming ④ environmental
- [28]: ① previously ② personally ③ recently ④ vaguely
- [29]: ① release ② possess ③ regret ④ pursue
- [30]: ① insights ② insects ③ installations ④ insults

第5問 次の英文を読んで、以下の問い（問1～7）について、記述用解答用紙に解答しなさい。
なお、*の付いた語句には、文末に注があります。

Beethoven*, one of the world's most-loved composers, is famous for his nine symphonies. Before he died, he began working on a new symphony, but never finished it. Computer scientists and musicians have now used an (ア) **AI** to finish his 10th Symphony.

Beethoven wrote many famous pieces of music, but he's probably best known for his nine symphonies. A symphony is a long, complicated piece of classical music, usually divided into four parts. (イ) その四つのパートは、しばしば複数のテーマによって結び付けられている — repeated musical ideas that tie the whole piece together.

When Beethoven died in 1827, he had some ideas for a 10th Symphony. But all that he left behind were a few “sketches” — short bits of written music.

In 2019, a special team of musicians, computer scientists, and historians was formed. Their goal: to try to complete Beethoven's 10th Symphony to celebrate his 250th birthday.

The team didn't just want to complete the symphony, (ウ) () (●) () (●) () (●) that Beethoven meant to write. That's where deep learning* came in.

To train an AI to help with the symphony, (エ) the team turned every piece of music that Beethoven ever wrote into a form the computer could understand.

By feeding the program all of Beethoven's music, the AI could look for patterns in the way Beethoven wrote. This included, for example, how he re-used simple melodies all through a piece to create a theme, or how he moved between different parts of the symphony.

Other members of the team studied Beethoven's notes and sketches, and worked to 【 あ 】 what Beethoven was planning to do. Where in the symphony did he plan to use each little bit of music that he left?

One early test told the team they were on the right track. They took a few minutes of music created by the AI based on Beethoven's sketches, and played (オ) **it** for Beethoven experts, musicians, and reporters. No one could tell which parts had been written by Beethoven and which parts the AI made up.

Finally, the AI had the challenge of 【 い 】 the little musical bits into a symphony. It took over two years, but the team was able to complete Beethoven's 10th Symphony. Not simply a melody, but 40 minutes of music for a full orchestra — a large group of musicians playing everything from string instruments, like violins, to trumpets, flutes, drums, and piano.

Last Saturday night, the piece was performed for the first time ever by the Beethoven Orchestra in Bonn, Germany.

So Beethoven now has a 10th Symphony. And though Beethoven didn't write it all, the team feels sure that the music is very much like what he might have written, if he'd had the chance.

[出典 <https://newsforkids.net/articles/2021/10/12/musicians-use-ai-to-help-finish-beethovens-10th/> 改変あり]

(注) Beethoven : ベートーベン

deep learning : 人間の脳神経回路の仕組みをモデルにした機械学習手法

問1 下線部(ア)の省略しない形を、英語で答えなさい。

問2 下線部(イ)を、英語にしなさい。

問3 下線部(ウ)に下の語句を並べかえて入れるとき、2番目、4番目、6番目にくるものを、それぞれ、下の選択肢(a)~(f)の中から選んで、記号で答えなさい。ただし、同じものを複数回用いないこと。

... the symphony, (ウ) (●) (●) (●) that Beethoven meant to write.

- | | | |
|----------------------------|---------------|-----------------|
| (a) they | (b) come | (c) possible to |
| (d) producing the symphony | (e) wanted to | (f) as close as |

問4 下線部(エ)を、日本語にしなさい。

問5 空所【あ】【い】に入る最も適切な語句を、それぞれ、下の語群の中から選び、必要であれば、適切な形に変えて答えなさい。ただし、同じものを複数回用いないこと。

divide	connect	figure out	break out
--------	---------	------------	-----------

問6 下線部(オ)の具体的な内容を、日本語で述べなさい。

問7 本文の内容と合っているものを2つ選び、番号で答えなさい。

- (1) 交響曲第10番に関してベートーベンが残したものは、わずかな音楽的断片だった。
- (2) ベートーベンが作品の主題を作るために、簡単なメロディーを使うことはなかった。
- (3) チームが初めの頃に行った実験で、自分たちが順調に行えていることが分かった。
- (4) チームが2年かけて完成させたベートーベンの交響曲第10番は、複雑なメロディーを有した40分に及ぶ大作である。
- (5) AIが創作したものが、ベートーベンが交響曲第10番として書いたものであるとチームは確信している。