

## 令和6年度入学試験問題

### 英 語 (3科目入試)

#### 注 意

1. 合図があるまで表紙をあけないこと。
2. 解答はHBの黒鉛筆もしくはシャープペンシルで解答用紙の問題番号に対応した解答欄にマークすること。
3. 解答用紙に受験番号を正しくマークし、氏名を記入すること。
4. 解答用紙に解答以外のことを書いた場合、その答案は無効とする。
5. 受験票は机上に置いておくこと。
6. 【英語】の問題は1番から46番までとなっている。

## 英語

1 次の英文を読んで、下の設問に答えなさい。

Bryan Szabo and his team have spent hours examining photos of well-worn jeans. Online, the team praises the community's top \*faders. This is the judging of <sup>(1)</sup> a competition; the Indigo Invitational, where people from across the world wear \*raw denim jeans for a year. But the competitors are not only the top jeans faders in the world. They are also champions of something else: The denim low-wash.

Among the competitors in the Indigo Invitational, which starts its fourth year next January, more than nine out of 10 participants <sup>(2)</sup> delay the first wash of their trousers until they have been worn 150 or 200 times, Szabo estimates. <sup>(3)</sup> turning to the washing machine, raw denim wearers learn other ways to care for their jeans, like exposing them to UV rays or just airing them overnight.

Jeans wearers are not the only people <sup>(4)</sup> on laundry. In 2019, designer Stella McCartney caused headlines by detailing her low-clothes-cleaning habits. Others re-think their washing habits due to concerns for the environment or rising electricity costs. Mac Bishop, the founder of clothes company Wool & Prince, explains that he changed his focus on "convenience and minimalism", which were received well by male consumers, when he started promoting his women's brand, <sup>(5)</sup> Wool&. With women, environmentalism was a more effective reason to give. Today, the Wool& brand sells merino wool dresses with the help of a "challenge" where customers wear the same dress every day for 100 days.

One of Wool&'s customers is <sup>(6)</sup> Chelsea Harry from Connecticut, US. "I grew up in a house where you wash everything after one use," she says. "Towel after one use, your pyjamas after one use." Later, she met her husband, who, she says, "hardly ever washes any clothes". Then, during the pandemic, Harry started hiking. This is when things really changed. "Obviously you can't shower after you've been hiking all day and you're sleeping in a hammock or tent," she says. Others in the hiking community recommended Ex Officio underwear, which can be worn over subsequent days or washed and dried quickly. Using this and other wool clothing, Harry discovered she could hike and backpack for days and still feel comfortable.

Harry is not worried about the smell. "I trust my nose," she says. Like raw denim wearers, she <sup>(7)</sup> tricks to avoid a full wash: Airing the garment overnight, or spraying vinegar or \*vodka in the \*armpits. "I absolutely love just, at the end of the day, hanging out my wool dress, my wool leggings, my wool socks," she says. "That's what I do. I hang

(8) them up by the window, I take a shower, I have my Ex Officio underwear, and in the morning, I just put it all back on."

"One of (9)[do / worst / you / things / can / the / that] to a garment, in terms of its \*durability, is wash it." So says Mark Sumner, a lecturer in sustainable fashion at the University of Leeds. During a wash, he says, garments can tear, shrink and lose colour. Sumner studies how microfibres from household laundry end up in marine animals. "We don't want people to think that they can't wash stuff because they're destroying the planet," Sumner says. "It's about trying to get the balance right. Washing clothes is important for medical and \*hygiene reasons", he says. It's also important for people's self-esteem "to not feel embarrassed about their clothes because they're dirty or smelly".

The best approach, it seems, is to be flexible. Wash things at lower temperatures, he suggests, or do a really short cycle without any washing powder at all. Besides... washing your clothes too often (11) . Who has the time?

出典

The rise of the 'no-wash' movement  
by Matilda Welin, 30 May 2023, BBC Culture

一部改編

(注) \*fader < fade 「色落ちさせる」

\*raw denim 「生デニム」(水洗いを含む防縮加工などが一切されていないデニム)

\*vodka 「ウォッカ」(蒸留酒)

\*armpit 「脇下」

\*durability 「耐久性」

\*hygiene 「衛生」

問1 下線部(1)の内容として最も適当なものを、次のa～dのうちから一つ選びなさい。

1

- a. 1年間の洗濯でジーンズに生じる色落ち具合を競う大会
- b. 購入から1年間、1度も洗濯しなかったジーンズの清潔さを競う大会
- c. 1年間、着古すことで生じるジーンズの色落ち具合を競う大会
- d. 1年間に参加者が入手したビンテージ・ジーンズの希少価値を競う大会

問2 下線部(2)の表す意味として最も適当なものを、次のa～dのうちから一つ選びなさい。

2

- a. wash their trousers for the first time after wearing them more than 150 times
- b. wear their trousers for the first time after washing them more than 150 times
- c. don't wash their trousers more than 150 times after wearing them for the first time
- d. don't wear their trousers more than 150 times after washing them for the first time

問3 空所(3)に入る語句として最も適当なものを、次のa～dのうちから一つ選びなさい。 3

- a. According to      b. Because of      c. Despite      d. Instead of

問4 空所(4)に入る語句として最も適当なものを、次のa～dのうちから一つ選びなさい。 4

- a. cutting down      b. depending much  
c. spending time      d. thinking back

問5 下線部(5)の説明として当てはまらないものを、次のa～dのうちから一つ選びなさい。 5

- a. 女性をターゲットとしたブランドである  
b. 洗濯する手間が省けることを売りにして成功した  
c. 洗濯せずに連日着用できるメリノウールの服を作った  
d. 環境にやさしい製品であることをうたっている

問6 下線部(6)の人物の説明として最も適当なものを、次のa～dのうちから一つ選びなさい。

- 6  
a. 嗅覚に自信がないため、頻繁に洗濯している  
b. まめに洗濯をするような男性と結婚した  
c. ハイキング中、洗濯できなかったことが不満だった  
d. 何でも一度使っただけで洗濯するような家庭で育った

問7 空所(7)に入る語として最も適当なものを、次のa～dのうちから一つ選びなさい。 7

- a. betrays      b. dismisses      c. employs      d. switches

問8 下線部(8)が示すものとして最も適当なものを、次のa～dのうちから一つ選びなさい。 8

- a. her wool dress  
b. her denim garments  
c. her wool leggings and socks  
d. her wool dress, leggings, and socks

問9 (9)の【      】内の語を意味が通じるように並べかえるとき、並べかえた語のうち4番目にくる

ものとして最も適当なものを、次のa～dのうちから一つ選びなさい。 9

- a. can      b. that      c. things      d. you

問10 下線部(10)について言及されている内容として最も適当なものを、次のa～dのうちから一つ選びなさい。 10

- a. 衣服が洗濯されている方が衛生的で病気にかかりづらくなり、身ぎれいにしていると自尊心も保たれる。
- b. 医療関係者は清潔な服を着ることが他者からの評価に関わるため、衛生面に気を付ける必要がある。
- c. 衣服が清潔だと感染症などに罹患しづらく、病気にならないことは自尊心を向上させる。
- d. 衣服の汚れや匂いはストレスとなって病気を誘発するため、洗濯して自尊心を保った方が良い。

問11 空所(11)に入る語句として最も適当なものを、次のa～dのうちから一つ選びなさい。 11

- a. damages the environment
- b. eats up hours of your life
- c. tears up your precious clothes
- d. wastes too much water

問12 本文の内容として最も適当なものを、次のa～dのうちから一つ選びなさい。 12

- a. Stella McCartney said that washing clothes less often was a great idea but that she could never practice it herself.
- b. Afraid of damaging their jeans, raw denim wearers avoid exposing them to UV rays or putting them out to air.
- c. There are some special clothes, including underwear, suitable for multiple days of use without being washed.
- d. Mark Sumner said that he didn't want people to wash their clothes with washing powder as it affects marine animals.

2 次の英文を読んで、下の設問に答えなさい。

Geoffrey Hinton, 75, announced his resignation from Google saying he now regretted his work. He said some of the dangers of AI chatbots were “quite scary”. “Right now, they’re not more intelligent than us, as far as I can tell. But I think they soon may <sup>(1)</sup>be.” He also accepted that his age had played into his decision to leave the tech giant.

Dr Hinton’s <sup>(2)</sup>pioneering research on \*neural networks has \*paved the way for current AI systems like ChatGPT. In artificial intelligence, neural networks are systems that are similar to the human brain in the way they learn and process information. They enable AIs to learn from experience, as a person would. This is called <sup>(3)</sup>deep learning. “Right now, what we’re seeing is things like GPT-4 exceeds a person in the amount of general knowledge <sup>(4)</sup>it has. In terms of reasoning, it’s not as good, but it does already do simple reasoning,” he said. “And given the rate of progress, we expect things to get better quite fast. So, we need to worry about <sup>(5)</sup>that.”

In an article, Dr Hinton referred to “bad actors” who would try to use AI for “bad things”. He explained: “You can imagine, for example, some bad actor decided to give robots the ability to create their own sub-goals.” The scientist warned that this eventually might “create sub-goals like ‘I need to get more power’”. He added: “I’ve come to the conclusion that the kind of intelligence we’re developing is very different from the intelligence we have. We’re <sup>(6)</sup>A systems and these are <sup>(6)</sup>B systems. And the big difference is that with <sup>(6)</sup>C systems, you have many copies of the same set of weights, the same model of the world. And all these copies can learn <sup>(7)</sup>separately but share their knowledge instantly. So, it’s as if you had 10,000 people and whenever one person learnt something, everybody automatically knew it. And that’s how these chatbots can know so much more than any one person.”

Dr Hinton joins a growing number of experts who have expressed concerns about AI—both the <sup>(8)</sup>A at which it is developing and the <sup>(8)</sup>B in which it is going. But “in the shorter term” he thought AI <sup>(9)</sup>[than / many / risks / deliver / benefits / more / would], “so I don’t think we should stop developing this stuff,” he added. He also said it was the responsibility of the government to ensure AI was developed “with a lot of thought into how to stop it from rebelling”.

What we are seeing now is the rise of AGI—artificial general intelligence—which can be trained to do a number of things. So, for example, ChatGPT can only offer text answers to a query. But the pace of AI acceleration has surprised even its creators. Make no mistake, we are on a speeding train right now, and the concern is that one day <sup>(10)</sup>it will

start building its own tracks.

出典

AI 'godfather' Geoffrey Hinton warns of dangers as he quits Google by  
Zoe Kleinman & Chris Vallance. From BBC News at [bbc.co.uk/news](https://www.bbc.co.uk/news)

一部改編

(注) \*neural「神経の」

\*pave the way「道を切り開く」

問1 下線部(1)のあとに省略されている語句として最も適当なものを、次のa～dのうちから一つ選びなさい。 13

- a. more intelligent than us                      b. quite scary
- c. some of the dangers                              d. that I can tell

問2 下線部(2)の表す意味として最も適当なものを、次のa～dのうちから一つ選びなさい。 14

- a. hasty                      b. primitive                      c. revolutionary                      d. superficial

問3 下線部(3)の内容として最も適当なものを、次のa～dのうちから一つ選びなさい。 15

- a. 情報の蓄積のために、人間が経験したことをAIにインプットすること
- b. AIが人間の脳について学び、神経ネットワーク構造を解析すること
- c. 経験を介して知識を定着させる、人間だけにできる学習のこと
- d. 人間が経験から学習するように、AIが情報処理をして学習すること

問4 下線部(4)が示すものとして最も適当なものを、次のa～dのうちから一つ選びなさい。 16

- a. a person                      b. GPT-4                      c. the amount                      d. what we are seeing

問5 下線部(5)の内容として最も適当なものを、次のa～dのうちから一つ選びなさい。 17

- a. AI's already being able to do some simple reasoning
- b. people's expectation that AI will get better and better
- c. AI's pace of improvement being so fast
- d. AI's not being good at reasoning compared with people

問6 空所(6)A～(6)Cに入る語の組み合わせとして最も適当なものを、次のa～dのうちから一つ選びなさい。 18

- | (6)A          | (6)B       | (6)C       |
|---------------|------------|------------|
| a. biological | digital    | digital    |
| b. digital    | digital    | biological |
| c. biological | digital    | biological |
| d. digital    | biological | digital    |

問7 下線部(7)の表す意味として最も適当なものを、次のa～dのうちから一つ選びなさい。

19

- a. definitely      b. individually      c. solely      d. ultimately

問8 空所(8)A、(8)Bに入る語の組み合わせとして最も適当なものを、次のa～dのうちから一つ選びなさい。 20

- | (8)A         | (8)B      |
|--------------|-----------|
| a. time      | place     |
| b. speed     | direction |
| c. place     | time      |
| d. direction | speed     |

問9 (9)の【      】内の語を意味が通るように並べかえるとき、並べかえた語のうち2番目と5番目にくるものの組み合わせとして最も適当なものを、次のa～dのうちから一つ選びなさい。

21

- | 2番目         | 5番目      |
|-------------|----------|
| a. benefits | than     |
| b. more     | deliver  |
| c. many     | than     |
| d. deliver  | benefits |

問10 下線部(10)の表す意味として最も適当なものを、次のa～dのうちから一つ選びなさい。

22

- a. AIが人間の代わりに線路を建造してくれるようになるだろう  
b. AIの進歩の軌跡を記録に残すことができるようになるだろう  
c. AIが人間の手を必要とせずに独自に進歩していくだろう  
d. AIで走る無人電車が次々と線路を走るようになるだろう



問11 本文の内容に一致しないものを、次のa～dのうちから一つ選びなさい。

23

- a. Dr Hinton warned in an article that some bad actors might make robots able to set their own sub-goals such as acquiring more power.
- b. There is an increasing number of experts who have expressed worries about AI's development besides Dr Hinton.
- c. Dr Hinton said the government should be responsible for monitoring AI development making sure that AI won't go wrong.
- d. Dr Hinton was quite satisfied to resign from Google at the age of 75 with no regret about his work or research he had done.

3 次の英文の空所に入る最も適当な語を、下の a～d のうちから一つずつ選びなさい。

Mosquitoes seem to like some people more than others. Scientists from the Virginia Tech university in the USA believe the smell of our body could 24 mosquitoes. This includes our natural body odor and smells from soaps and perfumes. Some of these smells could also help to reduce the number of bites we get in the summer. The researchers said mosquitoes seemed to prefer soap with a flowery smell.

The lead researcher said over 60 percent of the smells coming from our body come from soap rather than natural body odors. He said that changing the soap we use could change how appealing we are to mosquitoes. Soap with a neutral smell, or one with no smell at all, could make us 25 tempting to the creatures.

The researchers tested the effects of four popular brands of soap on mosquitoes. They analyzed the smell of different people after they used each soap, and also 26 they did not wash themselves. The researchers recreated the soapy and unwashed smells and put them in two different cups in a cage full of mosquitoes. The results showed that the insects seemed to prefer the flowery smells from the soapy cups.

出典：Your soap might mean mosquitoes bite you more

Breaking News English, June 15, 2023 一部改編

24

a. kill

b. attract

c. deny

d. block

25

a. less

b. least

c. more

d. most

26

a. how

b. where

c. why

d. when

4 次の英文の空所に入る最も適当な語（句）を、下の a～d の中から一つずつ選びなさい。

問1 I was late for the meeting on  of the traffic.

- a. account      b. part      c. condition      d. occasion

問2 Michael developed a deep  for Japan during his stay there.

- a. adoption      b. addiction      c. affection      d. accommodation

問3 The company is seeking new customers abroad to make more .

- a. fees      b. profits      c. charges      d. salaries

問4 I guess I could  your silence as a sign of disapproval of the proposal.

- a. interfere      b. interrupt      c. investigate      d. interpret

問5 This organization  for the government to increase the minimum wage.

- a. calls      b. falls      c. makes up      d. comes up

問6 Several students in this class  to submit their assignments by the deadline.

- a. ended      b. completed      c. failed      d. succeeded

問7 The number of tourists who visit Japan  since the regulation was withdrawn.

- a. are increasing      b. increase  
c. has been increasing      d. had increased

問8 Because of the bad weather, the baseball game was postponed  next Sunday.

- a. in      b. for      c. by      d. to

問9 You should be a bit more  to others' feelings because not everyone is as tough as you.

- a. sensible      b. sensitive      c. senseless      d. sense

問10 The company was accused of making false claims about the product,  to the loss of their customers' trust.

- a. to lead      b. led      c. that led      d. leading

**5** 次の各英文のそれぞれの空所に、下に与えられた a～e の語（句）を入れて英文を完成させなさい。

解答は、 37 ～ 46 に入る語（句）の記号を答えなさい。なお、文頭にくる語も小文字で記されています。

問1 

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 37 

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 38 

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 over ninety.

- a. people                      b. live                      c. not  
d. a few                      e. to be

問2  39  40  is the problem.

- a. they                      b. dealing with                      c. the problem  
d. how                      e. are

問3 You  41  42  . Face the facts!

- a. for                                      b. not real                                      c. that is  
d. something                                      e. are looking

問4 The man was  43  44  and was arrested.

- a. doing                      b. of                      c. as  
d. illegal activities        e. thought

問5 I need to  45  46  fix my bike. I cannot do it  
all by myself.

- a . my brother                  b . help                      c . ask  
d . to                                e . me

<メモ>