2024年度

英語入試問題

(2024年2月22日実施)

座席番号

[注 意]

- 試験監督者の指示があるまで、問題冊子や筆記用具に触れてはいけません。
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- 4. 試験開始の合図により、試験を始めてください。
- 5. 解答は、すべて「解答用紙」の所定の欄に記入すること。
- 試験終了の合図とともに直ちに筆記用具を置くこと。試験終了後に解答用紙 や筆記用具に触れた場合は、不正行為とみなすことがあります。試験監督者 が指示するまで、絶対に席を立ってはいけません。
- 7. 問題冊子および解答用紙は, 試験終了後にすべて回収するので, 持ち帰って はいけません。

【1】 以下の英文を読み、各設問に答えなさい。

When Adrian Black met his Italian partner 10 years ago, he was determined to learn her home language. Having successively picked up French a decade earlier when he lived in France, he felt the challenge was attainable^{*}.

"I was blown away^{*} by how hard it was to learn French, but I came back speaking it pretty well," says Black, who is now 50. But getting to grips with^{*} Italian has been a much tougher process, he explains: "I feel like French is deep down in my head somewhere, but with Italian it will take a lot more effort for me to get to that level. "I've noticed that my brain isn't as good as it was, and I'm pretty sure I don't retain stuff as well as I used to. It just doesn't all click^{*} as easily as it used to."

It's often said that $_{(A)}$ <u>you can't teach an old dog new tricks</u>. Actually this proverb is, for the most part, not true. For much of the history of modern neuroscience^{*}, the adult brain was believed to be a fixed structure that, once damaged, could not be repaired. But research published since the 1960s has challenged $_{(B)}$ <u>this assumption</u>, showing that it is actually a highly dynamic structure, which changes itself in response to new experiences, and adapts to injuries – a phenomenon referred to as neuroplasticity^{*}.

Collectively^{*}, this body of research suggests that one can never be too old to learn something new, but that the older they are, the harder it is for them to do so. This is because neuroplasticity generally decreases as a person gets older, (1) the brain becomes less able to change itself in response to experiences.

Some aspects of language learning become progressively^{*} more difficult with age, others may get easier. "Older people have larger vocabularies than younger ones, so (2) your vocabulary will be as large as a native," says Albert Costa, a professor of neuroscience who studies bilingualism at the Universitat Pompeu Fabra in Barcelona. Picking up a new language's vocabulary is much easier for adults than learning the rules that govern^{*} its grammar or syntax. This is because new words can be easily mapped on to a learner's pre-existing^{*} knowledge. But older learners are less likely to have good pronunciation or accent, since the phonemes^{*}, or sounds, of a language are picked up naturally by children.

Learning a new language may not always be easy for adults, but there is research to suggest that doing so is beneficial for brain health. As we get older, most of us experience an age-related decline in mental functions such as attention and memory, and in some people the acceleration^{*} of this process leads to the development of Alzheimer's disease^{*} or some other form of dementia^{*}. A number of recent studies suggest that learning a foreign language can slow this inevitable^{*} age-related cognitive decline or perhaps even delay the onset^{*} of dementia.

In the largest study of its kind to date*, researchers at Edinburgh University examined the

medical records of 648 Alzheimer's patients in the Indian city of Hyderabad. They found that the bilinguals developed dementia later than monolinguals, by an average of four-and-a-half years.

We know that education can also delay the onset of dementia, but the researchers also took that into account. "A large part of the population in Hyderabad is bilingual but illiterate*, so we compared educated bilinguals with bilinguals who never went to school," says lead researcher, Thomas Bak. The study found that dementia was delayed by an average of six years in uneducated bilinguals, (3) four years in educated bilinguals.

"Learning a language later on in life might be more beneficial than learning it earlier, (4) it takes more effort," Bak continues. "It has parallels* with physical exercise – a stroll is good for your health, but not as beneficial as a run."

Learning – and using – a foreign language seems to improve what psychologists and neuroscientists call executive function^{*}, which refers to a hypothetical^{*} set of mental processes (C) (a) us (b) enable (c) vary (d) that (e) to) our thoughts and behaviors from one moment to the next, depending on the task at hand.

"Using two languages seems to have consequences not only for executive functions, but also for other processes," says Costa. "It's like learning to juggle*, the idea being that you have to juggle two balls every time you speak. Some of the work is controversial*, so we need more data to have a definite answer."

(5) the difficulties, Black regards learning foreign languages as fun, and treats the endeavor* like a puzzle that has to be solved. "I'm doing it partly to keep my brain active," he says. "When you have some success and can express yourself, it feels like you're using different parts of your brain that you weren't using before."

Indeed, research shows that bilingual children use the same brain regions for both languages if they are learned during childhood, whereas learning a second language later on in life recruits different regions from those involved in using one's mother tongue. And learning a foreign language, much like learning to play a musical instrument, does indeed appear to be a good way of exercising one's brain, and keeping it healthy, throughout life.

【出典】

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https://www.theguardian.com/education/2014/sep/13/am-i-too-old-to-learn-a-language 最終アクセス日:2023年8月10日

(原文のイギリス英語綴りをアメリカ英語綴りに変えています。)

- 注)attainable* 到達できる was blown away*< blow away 負かす、ぶちのめす
 getting to grips with*< get to grips with ~に真剣に取り組む、コツコツと努める
 click* 分かる、ピンとくる neuroscience* 神経科学 neuroplasticity* 神経可塑性
 Collectively* まとめると、合わせて progressively* 次第に、漸次
 govern* 支配する、統御する pre-existing* 前から存在する、既存の phonemes* 音素
 acceleration* 加速(すること) Alzheimer's disease* アルツハイマー病 dementia* 認知症
 inevitable* 避けられない、免れない onset* 始まり、兆候、発病 to date* 現在まで
 illiterate* 読み書きのできない、無学の parallels*< parallel 類似(点)、匹敵(する点)
 executive function* 実行機能(ある課題を実行するための一連の心的機能)
 hypothetical* 仮説の、仮定の juggle* ジャグリングする、〔空中に投げた複数の物を〕手でさばく
 controversial* 議論を引き起こす、議論の余地のある endeavor* 努力、試み、企て
- 問1 空所(1)~(5)に入れるのに最も適切なものを、それぞれ下の①~④から一つずつ選び、番号で答 えなさい。
- (1)1 (2) meaning (3) what it is meant (4) to mean ① you mean (2)2 ② as chance would have it ① by chance (4) the chances are ③ there is no chance that (3)3 ① compared to (2) related to ③ as to (4) shorter than (4)4 (1) after so ③ once (4) because (5)5 ① Through 2 Along with ③ Despite ④ With regard to

	2 次の(1)~(8)について、本文の内容と一 ぞれ下の①~④から一つずつ選び、番号 [・]		ように下線部に入る最も適切な語(句)を、それ なさい。
(1)	Adrian Black learned Italian ten years _		he learned French. 6
	① after ② earlier	3	before ④ until
(2)	Adrian Black realized that learning Italia	an was	learning French. 7
	① as difficult as	2	much more difficult than
	③ as easy as	4	a lot easier than
(3)	No matter how old we are, we are never	r too old	l to learn a new language, but our brain's ability
	to adapt and change	[8
	① disappears before long	2	is restored in a little while
	③ increases over the course of time	4	decreases over time
(4)	T. 1 1 1 1.1 . 1		
(1)	It has been long argued that perhaps - learning a new language is		st crucial influence on the relative difficulty of 9
(1)			. 9
(1)	learning a new language is	2	
(5)	 learning a new language is the physical condition the age factor 	2 4	. 9 the learning experience
	 learning a new language is the physical condition the age factor Due to their existing background knew 	2 4 owledge	. 9 the learning experience the education factor
	 learning a new language is the physical condition the age factor Due to their existing background knew 	2 4 owledge	. 9 the learning experience the education factor e, older learners tend to have the ability to
	 learning a new language is	② ④ owledge other lar	. 9 the learning experience the education factor e, older learners tend to have the ability to nguage and a new language. 10
	 learning a new language is	2 4 owledge other lan 2 4	. 9 the learning experience the education factor e, older learners tend to have the ability to nguage and a new language. 10 distinguish the speech sounds
(5)	 learning a new language is	② ④ owledge other lan ② ④	9 the learning experience the education factor e, older learners tend to have the ability to nguage and a new language. 10 distinguish the speech sounds make connections with vocabulary ave tended to show that young learners are
(5)	 learning a new language is	② ④ owledge other lan ② ④	9 the learning experience the education factor e, older learners tend to have the ability to nguage and a new language. 10 distinguish the speech sounds make connections with vocabulary ave tended to show that young learners are

 (1) six years later (2) four and a half years later (3) five years earlier (4) four years and six months earlier (8) A study revealed that children who learn a second language early on store it together with the more store store store store store it together with the more store store	A group of researchers from the University of Edinburgh found that the bilingual patients had			
 (1) six years later (2) four and a half years later (3) five years earlier (4) four years and six months earlier (8) A study revealed that children who learn a second language early on store it together with the native language, while in adult learners it is saved of the brain. 13 (1) in the fore part (2) in the same area 	ies, strongly			
 (3) five years earlier (4) four years and six months earlier (8) A study revealed that children who learn a second language early on store it together with the native language, while in adult learners it is saved of the brain. 13 (1) in the fore part (2) in the same area 	sses. 12			
 (8) A study revealed that children who learn a second language early on store it together with the native language, while in adult learners it is saved of the brain. 13 ① in the fore part ② in the same area 				
native language, while in adult learners it is saved of the brain. 13 ① in the fore part ② in the same area				
 in the fore part in the same area 	er with their			
	ain. 13			
(3) in a different area				
問3 下線部(A)の諺(ことわざ)と同じような意味をもつ諺を次の①~④から一つ選び、番号で答 なさい。 14	番号で答え			
① Killing two birds with one stone.				
② Slow but steady wins the race.				
③ Strike while the iron is hot.				
④ Rome was not built in a day.				
問4 下線部(B) <u>this assumption</u> が示す内容として最も適切なものを、次の①〜④から一つ選び、番 で答えなさい。 15	つ選び、番号			

- It was believed that the adult brain was a fixed structure and there was no way to repair the brain after it suffered from injury.
- 2 It was thought that it was possible for the brain to change throughout life.
- ③ Scientists think that the brain never stops changing as a response to different experiences.
- ④ The results of the studies on the brain before and after 1960s have been almost the same.

- 問5 本文の内容に合うように下線部(C)の③~⑥の語を並べ替えるとき、前から2番目と4番目にく るものの最も適切な組み合わせを、下の①~④から一つ選び、番号で答えなさい。 16
 - (C) ((a) us (b) enable (c) vary (d) that (e) to)
 - $(1) b e \\ (2) c b \\ (3) a c \\ (4) c d$
- 問6 次の英語の質問に対する答えとして最も適切なものを、下の①~④から一つ選び、番号で答え なさい。 17 ┃

Question: Which of the following statements is NOT true about language learning as explained in this article?

- Some support for the notion of neuroplasticity comes from studies of people with brain damage which can result from injury.
- ⁽²⁾ Modern theories of learning rely on something called neuroplasticity and our brains become less flexible with age, which may explain why it seems more difficult to learn as we age.
- ③ Although learning a new language may not always be easy for older adults, research suggests it can help slow down age-related cognitive decline.
- (4) According to the first study reporting a bilingual advantage in those who are illiterate, education is a sufficient explanation for the observed difference.

【2】 次の(1)~(5)の会話文の空所に入れるのに最も適切なものを、それぞれ下の①~④から一つ ずつ選び、番号で答えなさい。

(1) 18

- A: I'm going to go to the supermarket this afternoon. Do you want anything?
- ${\rm B}\,$: Oh, yes, I'd like some toothpaste.
- A : A tube of toothpaste. OK.
- ${\rm B}\,$: No, that's all, thanks.
- ① Can you give me a ride?
- ② Do you need anything else?
- ③ Are you coming with me?
- ④ I'm not sure I like the idea.

(2) 19

- A : What's your favorite coffee shop?
- ${\rm B}\,$: My favorite one is The Coffee House, a local coffee shop in my neighborhood.
- A : How often do you visit that coffee shop?
- B : The Coffee House is always our first choice.
- ① I usually go there around 5:00 in the evening.
- ② I often order coffee and a piece of cake.
- ③ Every weekend when I hang out with my friends.
- ④ The coffee they serve is excellent.

(3) 20

- A : I give up! I simply can't learn Spanish!
- B : Why do you say that? I think you're making a lot of progress.
- $A\,$: No, I'm not. I try and try and I still can't speak it very well.
- B : Learning any language takes a lot of effort. But don't give up.
- \mathbf{A} : Good idea. That just might help.
- ① Why don't you study much harder than now?
- (2) How long have you been studying Spanish?
- ③ How about studying French instead?
- ④ Why don't we practice those dialogs together?

(4) 21

- A : Excuse me, is this seat taken?
- $B \ :$ No, it isn't.
- A: , so my friend and I can sit together?
- \mathbf{B} : No, not at all.
- \mathbf{A} : Thanks a lot.
- ① Do you know where the restroom is
- ② Would you mind moving over one
- ③ Do you mind showing us your seat number
- ④ Would you please give me your seat

(5) **22**

- A : You know. Should I take this new job? Or do I stick with my current one?
- ${\rm B}\,$: Well, I think it's time for a change. They pay you late and you are unhappy.
- A : Do you really think so?
- B : I know so. Trust me. Take the new job. What do you have to lose?
- ① I've been listening to you complain for over a year now.
- ② I know you've had nothing to complain of.
- ③ When did you apply for the new job?
- ④ You should have told me about it earlier.

- 【3】 次の(1)~(5)について、与えられた日本文の意味になるように()の語(句)を並べ替えるとき、2番目と4番目にくるものを、それぞれ下の①~⑤から一つずつ選び、番号で答えなさい。ただし、文頭にくる語(句)も小文字にしています。
- (1) どうしてそんなに一人が嫌なのですか。 2番目: **23** 4番目: **24** Why is it that (① can't (2) alone ③ you (4) stand (5) being)? (2) その昔ちょうどここには川が流れていました。 2番目: 25 4番目: 26 ④ used ⑤ a river) running right here a long time (① to (2) there ③ be ago. (3) 10分歩いたら海辺に着きました。 2番目: 27 4番目: 28 (1) brought (2) walk ③ me (4) ten (5) minutes') to the shore. (4) これは逃してはならない絶好の機会だとトムは思いました。 4番目: 30 2番目: 29 Tom felt that this was (① too to ④ miss ⑤ a chance). ③ good (5) アジアはヨーロッパのほぼ4倍の大きさです。 2番目: 31 4番目: 32 Asia is roughly (1) the size 2 times 3 Europe 4 of 5 four).

【4】 次の(1)~(10)の英文中の空所に入れるのに最も適切なものを、それぞれ下の①~④から一つ ずつ選び、番号で答えなさい。

(1)	Thanks to your supp	port, the project will be	e finished ()	schedule. 33
	① behind	② above	③ ahead of	(4) until
(2)	There are () about water shortag	ges this summer.	34
	1 hopes	2 wishes	③ concerns	(4) expectations
(3)	No matter how hard	l the situation is, we m	ust () reality	y. 35
	① watch	2 face	3 overlook	(4) neglect
(4)	It is important to pu	t yourself in the other	person's ().	36
	① shoes	2 pants	3 chair	(4) foot
(5)	() you didn	i't tell me I had my sw	eater on inside out?	37
	① Why not	② What about	③ How come	④ For whatever reason
(6)	The event was canc	eled on () of a	a heavy storm. 38	
	① account	② scale	③ accident	(4) case
(7)	As you have a high	fever, we cannot rule	() the possib	ility of influenza. 39
	① for	② over	③ on	(4) out
(8)	They're always toge	ther; you () s	see one without the ot	her. 40
	① often	2 separately	③ rarely	(4) jointly

(9)	I am not interested in	n it, but if you(), I will do it. 41	
	① insist	2 assume	③ involve	④ imagine
(10)	The workshop () children with the	opportunity to learn mo	ore about social media. 42
	① provides	2 prevents	(3) holds	(4) interrupts

英語(20240222) 解答一覧

大問	解答	正角	解
	番号 1	2	
	2		
		<u>(4)</u>	
	3 4	① ④	
	5		
	6	3 1	
	7	2	
	8	<u>(4)</u>	
1	9	3	
	10	4	
	11	1	
	12	2	
	13	3	
	13 14	3)
	15	1)
	16)
	17	4)
	18	2	
	19	3	
2	20	4	
	21	2	
	22	1	
	23	1	完
	24	5	解
	25	4	完
	26	3	解
3	27	5	完
	28	1	解
	29	3	完
	30	2	解
	31	2	完
	32	4	解
	33	3	
	34	3	
	35	2	
	36	1	
4	37	3	
	38 39		
	<u> </u>	(4) (3)	
	40	(1))
	41		,)
	42	U	'