

令和6年度国立高等専門学校  
入学者選抜統一学力検査問題【追試験問題】  
問 題 訂 正

「英語」

訂正箇所	3 ページ <span style="border: 1px solid black; padding: 0 2px;">3</span> 5. の 1 行目
誤	that <u>out</u> teacher
正	that <u>our</u> teacher

令和6年度入学者選抜学力検査追試験問題

英 語

(配点)

1	10点	2	15点	3	15点	4	24点	5	15点	6	21点
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(注意事項)

- 1 問題冊子は指示があるまで開かないこと。
- 2 問題冊子は1ページから10ページまでである。検査開始の合図のあとで確かめること。
- 3 検査中に問題冊子の印刷不鮮明、ページの落丁・乱丁及び解答用紙の汚れ等に気づいた場合は、静かに手を高く挙げて監督者に知らせること。
- 4 解答用紙に氏名と受験番号を記入し、受験番号と一致したマーク部分を塗りつぶすこと。
- 5 解答には、必ずHBの黒鉛筆を使用すること。なお、解答用紙に必要事項が正しく記入されていない場合、または解答用紙に記載してある「マーク部分塗りつぶしの見本」のとおりにマーク部分が塗りつぶされていない場合は、解答が無効になることがある。
- 6 一つの解答欄に対して複数のマーク部分を塗りつぶしている場合、または指定された解答欄以外のマーク部分を塗りつぶしている場合は、有効な解答にはならない。
- 7 解答を訂正するときは、きれいに消して、消しくずを残さないこと。

1 次の各組の英文の意味がほぼ同じ内容となるような ( A ) と ( B ) に入るものの最も適した組み合わせを、それぞれア～エの中から一つずつ選びなさい。

1. John says that this restaurant is great. I have the ( A ) opinion.  
I agree ( B ) John. This is a very good restaurant.

ア  $\begin{cases} (A) \text{ same} \\ (B) \text{ from} \end{cases}$     イ  $\begin{cases} (A) \text{ same} \\ (B) \text{ with} \end{cases}$     ウ  $\begin{cases} (A) \text{ good} \\ (B) \text{ from} \end{cases}$     エ  $\begin{cases} (A) \text{ good} \\ (B) \text{ with} \end{cases}$

2. I can't play that video game ( A ).  
I'm not very ( B ) at playing that video game.

ア  $\begin{cases} (A) \text{ better} \\ (B) \text{ easy} \end{cases}$     イ  $\begin{cases} (A) \text{ fine} \\ (B) \text{ bad} \end{cases}$     ウ  $\begin{cases} (A) \text{ good} \\ (B) \text{ hard} \end{cases}$     エ  $\begin{cases} (A) \text{ well} \\ (B) \text{ good} \end{cases}$

3. You have to finish your homework by ( A ).  
You have to do your homework ( B ) the help of others.

ア  $\begin{cases} (A) \text{ alone} \\ (B) \text{ with} \end{cases}$     イ  $\begin{cases} (A) \text{ yourself} \\ (B) \text{ with} \end{cases}$     ウ  $\begin{cases} (A) \text{ alone} \\ (B) \text{ without} \end{cases}$     エ  $\begin{cases} (A) \text{ yourself} \\ (B) \text{ without} \end{cases}$

4. I have to ( A ) to the party tonight.  
Tonight, I can't ( B ) the party.

ア  $\begin{cases} (A) \text{ go} \\ (B) \text{ join} \end{cases}$     イ  $\begin{cases} (A) \text{ take} \\ (B) \text{ enjoy} \end{cases}$     ウ  $\begin{cases} (A) \text{ go} \\ (B) \text{ miss} \end{cases}$     エ  $\begin{cases} (A) \text{ take} \\ (B) \text{ meet} \end{cases}$

5. What is your ( A ) music?  
What music do you ( B ) the best?

ア  $\begin{cases} (A) \text{ favorite} \\ (B) \text{ like} \end{cases}$     イ  $\begin{cases} (A) \text{ famous} \\ (B) \text{ join} \end{cases}$     ウ  $\begin{cases} (A) \text{ kind} \\ (B) \text{ play} \end{cases}$     エ  $\begin{cases} (A) \text{ nice} \\ (B) \text{ want} \end{cases}$

2 次の各会話文について、場面や状況を考え、( )に入る最も適したものを、それぞれア～エの中から一つずつ選びなさい。

1. A : Do you know the writer of this book?

B : Yes, I do. I love his novels.

A : ( )

B : Of course! They are in the shelf in my room.

ア Do you want to buy his new book?

イ Do you want to meet the writer?

ウ Do you have many of his books?

エ Do you visit his house?

2. A : Hi Grandma. It's Jimmy! What are you doing?

B : Hi Jimmy! I have just made some cookies. Do you want to come here and eat some?

A : That sounds great! ( )

B : I'll wait for you. Thank you for calling.

ア I'll leave here in a few minutes.

イ They were bought in New Zealand.

ウ They were really hungry.

エ I went there yesterday.

3. A : Wow, so many beautiful photos! Where did you take them?

B : I took them in Australia. My hobby is taking photos.

A : I love taking photos, too. But ( )

B : That's too bad. How about going out to take photos together?

You can use my camera.

ア you took a photo of me.

イ I don't like to take photos.

ウ my camera is broken now.

エ I like to travel.

4. A : What do you think about the news we heard last week?

B : What news are you talking about?

A : ( ) I want to do something that will make him happy.

B : Oh, that's a great idea! Let's make a card for him.

ア We'll go to my aunt's house next week.

イ The news made us happy.

ウ Uncle John is going to visit us soon.

エ You don't know him.

5. A : Oh, no! ( )

B : Don't worry. I have some. You can use them if you want. Here you are.

A : Thank you very much. But why do you have them?

B : I got them at the supermarket when I bought some noodles but I didn't use them.

ア I brought my brother's shoes.

イ I've forgotten to bring chopsticks to eat my lunch.

ウ I had a wrong number.

エ I didn't eat lunch yesterday.

3

次の各会話文につき、場面や状況を考え（ ）内の語（句）を最も適した順に並べ替え、  
（ ）内において3番目と5番目にくるものの記号を選びなさい。

1. A : Excuse me. May I ask you a question?  
B : Sure. What is it?  
A : Can you tell ( ア bus イ I ウ me エ should オ take カ which ) to get to the museum?  
B : You should take that blue one.
  
2. A : Do you remember our first day at our school?  
B : Yes, of course. You and I sat next to each other, and we ( ア of イ realized ウ were エ we オ that カ fans ) the same singer.  
A : That's right. We've been friends since then.
  
3. A : I heard that Ken has gone abroad with his family on vacation. When will he come back?  
B : He's going to come back next week. He sent everyone an e-mail yesterday to tell us about it.  
A : Oh, really? I ( ア check イ couldn't ウ I エ so busy オ that カ was ) my e-mails yesterday.
  
4. A : Wow, did you see that boy? Who passed us on the road now?  
B : Ah, that's Jim. He runs very fast. Are you surprised?  
A : Yes. I didn't ( ア as イ can ウ fast エ he オ know カ run ) as a bicycle.  
B : He runs every morning before school starts.
  
5. A : Did you watch *My Happy School Days*? It is a movie that our teacher recommended last week.  
B : Yes, I did. I went to the movie theater with my sister.  
A : How was it?  
B : I thought it was ( ア best イ movie ウ have エ the オ I カ that ) ever seen.

4 人工知能 (Artificial Intelligence) について書かれた次の英文を読み、後の問題に答えなさい。

Artificial Intelligence, or AI, is a type of technology that lets machines learn and make decisions by using data. AI is not new, but it has evolved a lot in the last ( 1 ) years. Some scientists first started to create AI more than 50 years ago, but that research was difficult because computers at that time didn't have ( 2 ) power and there was not enough data. However, computers are more powerful now, and they collect more data. Because of this, AI has developed a lot recently.

In AI technologies, machine learning has developed ( 3 ). This is a type of AI that helps machines process data very quickly and accurately. The machines do tasks and the results improve over time. Machine learning is used in many areas of our lives. Now, we can use AI to understand people when they speak. With this new technology, many companies have created virtual assistants which can answer questions and do tasks by using your ( 4 ). AI is also used for image recognition. We can use it in many areas like facial recognition on your smartphone.

AI is getting better. When we collect more data and make better computers, it will ( 5 ) to evolve. AI is ( 6 ) the world in many ways, and it will improve more in the future.

(注) data データ	evolve 進化する	a lot とても、かなり
machine learning 機械学習 (コンピュータの自立的な学習)		
process 処理する	accurately 正確に	task 作業
over time 時間と共に	virtual assistant 仮想アシスタント (コンピューターによる支援)	
image recognition 画像認識		facial recognition 顔認識

問1 本文中の(1)～(6)に入る最も適したものを、ア～エの中から一つずつ選びなさい。

(1) ア few	イ next	ウ now	エ time
(2) ア an	イ many	ウ much	エ three
(3) ア quickly	イ slow	ウ someday	エ loud
(4) ア book	イ ear	ウ pen	エ voice
(5) ア end	イ continue	ウ pass	エ stop
(6) ア doing	イ changing	ウ leaving	エ trying

問2 次の(1)と(2)と同じような意味で使われている語を本文中の下線部ア～カからそれぞれ一つずつ選びなさい。

- (1) to become better or make something better than before  
(2) to get and keep things of one kind, such as stamps or coins

5 次のAとBの英文を読み、各設問に答えなさい。なお、計算等は、それぞれの問題のページの余白で行うこと。

A ミツバチ (honeybee) は、「8の字ダンス (waggle dance)」と呼ばれるものにより他のミツバチに蜜がある方向 (direction) を教えますが、この動作に関する次の英文を読み、後の問題に答えなさい。

Honeybees in a colony work together and communicate with each other to find food. Let's look at the beehive in Diagram 1. Several boards are put vertically in the beehive and bees make hives on the boards. When a bee finds nectar, it tells other bees the place of the nectar by repeating a particular move on the hive. This move is called the waggle dance. Look at Diagram 2. The bee shakes its body and moves in one direction, and then it stops shaking and moves in a semi-circle to go back to the first position.

The angle between the direction of the dance and the top of the hive shows the direction of the nectar. In Diagram 3, for example, the sun is due south of the hive, and the nectar place is 20° west of due south. Diagram 4 shows these directions by the waggle dance on the vertical hive. The direction to the top of the hive shows the direction of the sun from the beehive, and the bees move in a direction to make the same angle as the sun and the nectar shown in Diagram 3.

(注) colony 群れ	beehive 養蜂箱	diagram 図	vertically 垂直に
hive 巣	nectar 蜜	particular 特定の	move 動き
semi-circle 半円	position 位置	angle 角度	
due (方角が) ちょうど, 真~ (due south なら真南)			vertical 垂直の
the same ~ as ... ~と同じ~			

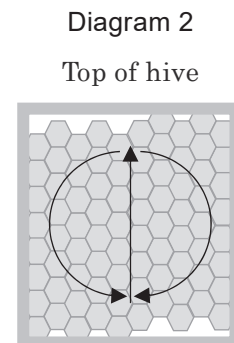
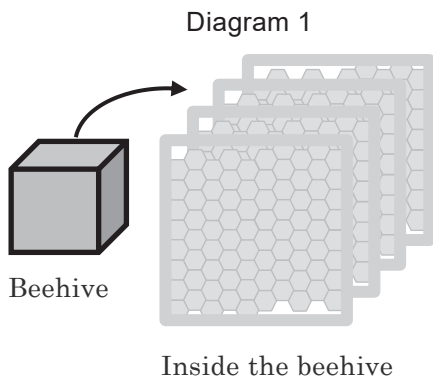


Diagram 3

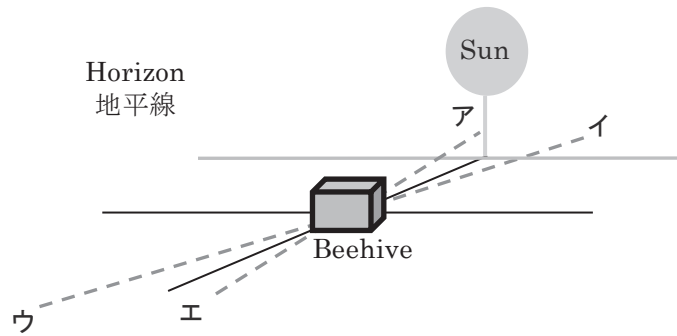
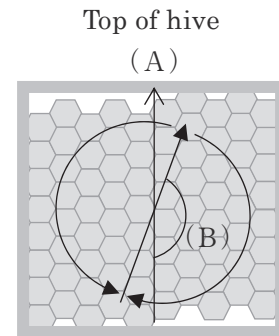


Diagram 4



問1 上の Diagram 3 について、蜜の場所の方向を示す最も適した点線をア～エの中から選びなさい。

問2 本文と図から考えて、次の (1) と (2) の英文の ( ) に入る適切なものをア～エの中からそれぞれ一つずつ選びなさい。

(1) The direction (A) in Diagram 4 shows ( ).

- |                             |                                     |
|-----------------------------|-------------------------------------|
| ア the direction of the sun  | イ the direction of the nectar place |
| ウ the direction of the hive | エ the direction of the due west     |

(2) The angle (B) in Diagram 4 is an angle of ( ) degrees.

- |       |       |       |       |
|-------|-------|-------|-------|
| ア 100 | イ 120 | ウ 140 | エ 160 |
|-------|-------|-------|-------|



B 次の英文は、科学部に所属する Ken と顧問の Ms. Tanaka が wagggle dance に関する実験を行った際の会話です。英文と図を読み、後の問題に答えなさい。

Ms. Tanaka: Hi Ken, how is the experiment going?

Ken: Well, I checked the hive at 1 p.m. and the bees were dancing like in Diagram 5. I also followed the bees and found the nectar place. This is exactly the things that I learned in the textbook!

Ms. Tanaka: You are doing a good job! What was the direction of the sun at that time?

Ken: It was  $15^\circ$  west of south.

Ms. Tanaka: Okay. Did you check the hive after that?

Ken: Yes, I checked the hive again at 3 p.m. This time, the bees flew to the same direction, but they were dancing to a different direction. This is shown in Diagram 6.

Ms. Tanaka: Good. What can you learn from the results?

Ken: Well ... if the sun moves to the west, the direction of the wagggle dance changes.

Diagram 5

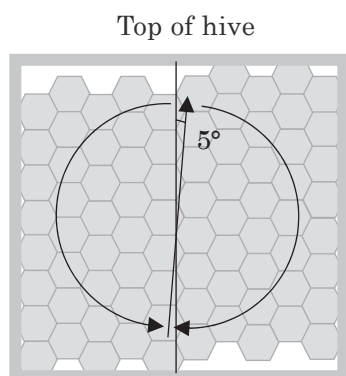
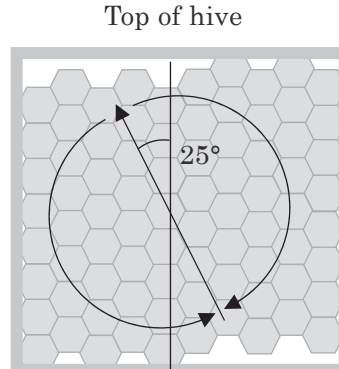


Diagram 6





6 4人の生徒による本の感想である次の各英文を読み、後の問題に答えなさい。なお、これらの感想は、実在する本に関わるものではありません。

A : Five months ago, I bought a textbook at a bookstore to take an English proficiency exam. At first, I tried to learn more about the exam, and then I made a study plan for four weeks. I answered ten questions from the textbook every day, and . I studied hard, and I passed the exam last month. This was my first time to use a book in this way, and I realized that books help us very much.

(注) proficiency exam 検定試験 in this way このように

B : This book is an autobiography written by a man who was born in the Middle East and came to Japan when he was a child. He came to our country to escape the war in his country, but  because he could not understand Japanese. However, he studied Japanese very hard and made many friends and he is very happy now. When I think about his life, I feel that I am very lucky to go to school in peace. This book taught me that some people in the world have lives that are very different from mine.

(注) autobiography 自伝 Middle East 中東 escape ～～から逃げる

C : I love Japanese old tales very much. One day, I discovered a website that shares very old books to read online. I found a famous book there and I wanted to read it. It is a collection of short stories, so  and I finished reading the book in two weeks. Some of the stories were very scary, but while I was reading them, I was in another world, in old Japan. Now I am trying to find a book about old tales of my prefecture in the city library. They will help me understand many places better when I start to work for my city.

(注) old tale 昔話 online (コンピューターの) オンラインで collection of ～～を集めたもの

D : This book was written about sixty years ago by a Japanese man who was studying foreign culture. Japanese people could not go abroad freely then because of the law. At that time, the writer of this book got a scholarship to study abroad, . After studying in the US, he traveled to different parts of the world. In each area, he watched everything carefully, spoke to many people, and thought deeply. , he found many differences between the people he met and himself, and his ideas about other cultures changed. I learned many things from this book because I hope to work together with people overseas someday.

(注) scholarship 奨学金 (就学を援助するために貸与や給付されるお金) deeply 深く

問1 本文中の空所  に入る最も適したものを次のア～ウの中から一つ選びなさい。

- ア I studied for more than six months with this book before the exam
- イ it was easy for me to cook some dishes according to the textbook
- ウ I tried to remember many English words and expressions

問2 本文中の空所  に入る最も適したものを次のア～ウの中から一つ選びなさい。

- ア his communication skill with Japanese was very good
- イ he also had a hard time after coming to Japan
- ウ he went overseas for the first time at the age of 45

問3 本文中の空所  に入る最も適したものを次のア～ウの中から一つ選びなさい。

- ア I enjoyed reading the stories for a few minutes every day
- イ every story in the book was very long
- ウ there was enough time for the writer of the book, so he could finish it

問4 本文中の空所  に入る最も適したものを次のア～ウの中から一つ選びなさい。

- ア and he learned many things at his school in Japan
- イ and he had a chance to go to university in America
- ウ but he never left Japan because of the weather

問5 本文中の空所  に入る最も適したものを次のア～ウの中から一つ選びなさい。

- ア As a result
- イ On the other hand
- ウ Thanks to you

問6 本文（C）中の下線部 there の内容を次のア～ウの中から一つ選びなさい。

- ア at a nearby book shop
- イ in a university library
- ウ on the Internet

問7 次のア～ウはこれら4つの感想文を読んで生徒達が述べた意見ですが、正しく内容を理解して述べられたものを一つ選びなさい。

- ア Some students read books to study new things and think about their future. I read books just for fun, but I will try to use books to learn things that will help me in the future.
- イ I want to pass the English proficiency test, too. One of the students says that textbooks are not good for learning new English words. That is very helpful advice for me.
- ウ I have read many interesting stories in old books. Though all the students think that they do not help us, I know that they have much useful information for our lives.

