

指示があるまで、このページをよく読んで待ちなさい。指示があるまで、この問題用紙を開いてはいけません。

I 受験に際しての注意

1. 問題用紙は1ページ（表紙を除く）から14ページまでである。
2. 問題の内容についての質問には、いっさい応じない。それ以外のことがらについて尋ねたいことがあれば、手をあげて監督者に聞くこと。
3. 監督者の「はじめ」の合図で始め、「やめ」の合図ですぐやめること。
4. 解答用紙が折れ曲がったり、破れたり、汚れたりした場合には、手をあげて監督者に申し出ること。

II 解答記入上の注意

1. すべてマーク方式で解答を記入すること。
2. マークは必ず**H B**の**黒鉛筆**を使用して記入すること。ボールペン、万年筆、サインペン等を用いてはいけない。
3. 答えは、すべて各問題の指示にしたがって解答用紙の解答欄にマークすること。
4. 一度マークしたものを訂正するときには、**プラスチック消しゴム**で完全に消してからマークしなおすこと。消して出たカスはきれいに払っておくこと。
5. 次の場合は、いずれも誤答となるから特に注意すること。
 - (1) マークの仕方が悪かった場合。（特にマーク欄が塗りつぶされていなかったり、外側に少しでもはみ出した場合）
 - (2) 問題が要求している以上に余分な答えをマークした場合。
 - (3) マークすべきところ以外に印をつけたり、汚したりした場合。特に**枠内**は絶対に汚さないこと。
 - (4) 訂正の場合の消し方が不十分な場合。

III 氏名等の記入上の注意

1. 問題用紙と解答用紙の両方の所定欄に、漢字で氏名を、算用数字で受験番号をそれぞれ記入すること。
2. 解答用紙の左側にある受験番号をマークすること。

氏 名	
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受験番号					
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I 【リスニングテスト】ただいまから、放送によるリスニングテストを行います。リスニングテストは**問題1**と**問題2**です。放送を聞き質問に答えなさい。

問題1 1～4の写真を見て放送を聞き、写真の説明として最も適するものを選びなさい。写真の説明はそれぞれ2回ずつ放送されます。

1



2



3



4



問題2 これから4つの会話を放送します。5～8の会話と質問を聞き、それに対する答えとして最も適するものを選びなさい。会話と質問は2回ずつ放送されます。

- 5 ① He will leave Japan.
② He will study in New York.
③ He will study in Japan.
④ He will enjoy traveling in America.
- 6 ① 115 yen.
② 150 yen.
③ 215 yen.
④ 250 yen.
- 7 ① 539-0276
② 593-0726
③ 539-0627
④ 593-0635
- 8 ① After English class.
② During English class.
③ Before English class.
④ After school.

Ⅱ 次の各文の（ ）内に入るものとして最も適するものを選びなさい。

1 A : () were you born?

B : I was born in Paris, France.

- ① What ② When ③ Whose ④ Where

2 When Andy visited me, I was () cookies in the kitchen.

- ① bake ② baking ③ baked ④ have baked

3 A : John, it's eleven o'clock. You () go to bed right now.

B : Yes, mom. Good night.

- ① must ② shall ③ may ④ can

4 My sister speaks French () naturally as a native speaker.

- ① for ② of ③ as ④ in

5 I will lend Mike a book after school () he wants to read.

- ① who ② that ③ where ④ what

Ⅲ 次の（ ）内の語（句）を並べ替えて意味の通る英文にしたとき、（ ）内の
4 番目にくるものを選びなさい。ただし、文頭にくる語も小文字になっています。

1 Both (① are ② Jim's ③ you ④ I ⑤ and ⑥ friend).

2 (① the ② to ③ can ④ I ⑤ how ⑥ get) Uenohara Station?

3 (① will ② medicine ③ feel ④ you ⑤ make ⑥ this)
better soon.

4 (① for ② raining ③ has ④ three ⑤ been ⑥ it) days.

5 This (① one ② oldest ③ bridges ④ the ⑤ of ⑥ is)
in the U.K.

Ⅳ 次の対話文の空所 1～6 に入るものとして、最も適する文を下から選びなさい。ただし、同じものを 2 度以上使ってはいけません。

Satoshi : Hi, Tomoka. How do you like working here?

Tomoka : (1) ! You've come here to check out books?

Satoshi : Yes. I need some books on ancient Rome.

Tomoka : (2), just behind the service counter, next to the art section.

Satoshi : Okay, I want to read Tolstoy's novels, too.

Tomoka : (3) ?

Satoshi : Yeah. I'm really into this Russian writer now.

Tomoka : You can find some in the foreign book section, between the computer room and the
copy room.

Satoshi : Thank you.

Tomoka : You are also a great fan of comics, right?

Satoshi : Oh, yes.

Tomoka : (4), just in front of the computer room.

Satoshi : Great! (5).

Tomoka : I'll have a break in 30 minutes. (6) ?

Satoshi : Sounds good. It's right beside the entrance, isn't it?

Tomoka : Yes, opposite the elevator.

- ① Then go to the history section
- ② Why don't we have coffee together at the lounge
- ③ It's nice
- ④ We have a comic book section near the northeast corner
- ⑤ Are you going to read them in the original
- ⑥ I'll go there, too

Ⅴ 次の英文中の空所 1～9 に入るものとして、最も適するものを次頁の語群から選びなさい。
ただし、同じものを 2 度以上使ってはいけません。

Artificial intelligence, or AI, is what scientists call the ability of robots to (1) in a similar* way to humans. The word was first (2) in 1955, by the computer scientist John McCarthy.

Humans learn by experience. If you touch something sharp, it pricks* your finger and hurts. Next time you see something sharp, you know not to (3) it, because you have learned from your experience. This learning process is the key to intelligence. People can decide what to do in new situations because of things they have learned in the (4).

Scientists are working to create special programs that help robots to think. They are trying to create robots that can apply* the knowledge that they collect to new skills and situations. AI allows robot-thinking to develop and get better, just like human intelligence.

Machines can already store a huge amount of (5) and use it to work out the answers to questions or commands quickly. Labs* (6) by companies such as Microsoft, Google, and Facebook are hard at work developing brand-new and exciting AI technology.

Alan Turing was an English mathematician (7) created a test for artificial intelligence in 1950. It is still used by scientists today. They call it the Turing Test.

In the test, a person is put in a room and asked to talk to two voices. One is a computer and the (8) is a human. They are all in separate rooms, so they can't see each other.

The person asks questions and then decides which voice belongs to the human and which belongs to the computer, based on the way each one answers. If the person asking the questions can't tell, the machine is seen to be (9).

(ROBOT UNIVERSE)

〔注〕 similar 似ている pricks ～をちくりと刺す apply ～を適用する
lab 研究室

- | | | | | |
|---------|---------------|---------------|---------|---------|
| ① touch | ② information | ③ intelligent | ④ think | ⑤ other |
| ⑥ past | ⑦ run | ⑧ used | ⑨ who | |

Ⅵ 英文を読み、問いに答えなさい。

Dorothy lived in Kansas in a small house with Uncle Henry and Aunt Em. In the house, there was a small room under the floor. Every time there was a cyclone*, they opened a small door in the floor and went down into the room.

Dorothy had a happy little dog named Toto. Dorothy loved Toto and played with him all day. But today, they were not playing. The sky was especially gray, and Dorothy could see very dark clouds.

Just then, Uncle Henry said, "There's a cyclone coming." Aunt Em opened the door in the floor. Dorothy went across the room to get Toto. But before she could follow Aunt Em, the house started to shake. The cyclone lifted the house up into the sky.

At first, Dorothy was afraid. But as time passed* and nothing happened, she stopped worrying. She went carefully to her bed, and Toto jumped in next to her. They both went to sleep.

When Dorothy woke up, the house was not moving, so she ran out the door. She was in a beautiful country full of flowers, birds, and big fruit trees.

Dorothy saw people coming toward her. There were three men and a woman. They were her size but older and strangely* dressed. When they got near the house, one of them said, "Welcome to the land of the Munchkins. Thank you for killing the Wicked* Witch* of the East."

Dorothy said, "That can't be right. I did not kill anyone."

"Your house did," said the little old woman. "That is the same thing. Look."

Under the corner of the house, there were two feet in Silver Shoes.

⁽¹⁾"Oh dear!" cried Dorothy. "What shall we do?"

"Nothing," said the woman.

"The Munchkins had to serve* the Wicked Witch of the East for many years, but now they are all free."

"Who are the Munchkins?" asked Dorothy.

"They are the people who live here."

"Are you a Munchkin?" asked Dorothy.

"No, I'm the good Witch of the North. The Silver Shoes are yours now. They have special

powers, but we don't know what they are."

Dorothy said, "I want to get back to my aunt and uncle in Kansas. Can you help me?"

"You must go to Emerald* City in the center of the country," the good Witch said.

"It is ruled by Oz, the Great Wizard. He (A) help you."

"How can I get there?" asked Dorothy.

"You must walk. It will be difficult, but I can help keep you safe."

She kissed Dorothy on the head, and a shining mark appeared.

"The road to Emerald City is made of Yellow Brick*," said the Witch, "so you cannot miss it. Good-bye, my dear."

Dorothy went back to the house. She filled a little basket with bread and put on the Silver Shoes.

"Come along, Toto," Dorothy said. They soon found the Yellow Brick Road. The sun was bright and the birds sang lovely bird songs. In the evening, ⁽²⁾they passed a large house. Munchkins were singing and dancing because they were finally free. They asked her to stay and eat with them.

Dorothy ate a big dinner. Then, a Munchkin took her to a room with a bed. Dorothy slept with Toto beside her.

The next day, she and Toto continued along the Yellow Brick Road. There was a fence painted blue beside the road and a big cornfield* beyond the fence.

In the cornfield, Dorothy could see a Scarecrow* up on a pole looking at her.

"How are you?" asked the Scarecrow.

"I'm well," replied Dorothy, surprised. "And you?"

"I'm not feeling well," said the Scarecrow. "This pole goes up my back. Can you remove it?"

Dorothy reached up and lifted the Scarecrow off the pole.

"Thank you very much," said the Scarecrow. "And who are you?"

"My name is Dorothy, and I'm going to Emerald City to ask the Great Oz to send me back to Kansas."

"Where is Emerald City?" he asked. "And who is Oz?"

"Don't you know?" she said in surprise.

"No, I don't know anything. I have no brains at all because my head is filled with straw*," he

answered sadly.

The Scarecrow thought for a moment and then asked, "If I go to Emerald City with you, do you think Oz will give me some brains?"

"I don't know," she answered, "but if you join me, (B)"

"Thank you," he said happily.

The travelers walked until they found a river. There, Dorothy ate, drank, and washed. Then, she heard a strange noise close by. They soon found a man made of tin* with an ax* in his hands.

"Did you make a noise?" asked Dorothy.

"Yes," answered the Tin Woodman.* "I need some oil from my house."
(3)

Dorothy found it and oiled the Tin Woodman until he could move freely.

"Thank you! You saved my life," he said. "Why did you come this way?"

"We are going to see the Great Oz," she answered.

"Why do you wish to see Oz?" he asked.

"I want him to send me back to Kansas, and the Scarecrow wants to get some brains."

The Tin Woodman said, "Do you think Oz could give me a heart?"

"I guess so," Dorothy answered. "It would be as easy as giving the Scarecrow brains."

"Then I shall join you, if you allow it," the Woodman said.

They welcomed him, and they all continued through the forest until they came to the Yellow Brick Road.

The travelers continued walking through the thick woods. Suddenly, a great Lion rushed into* the road. He hit the Scarecrow, and then he hit the Tin Woodman.

Little Toto ran toward the Lion, and the great animal opened his mouth. Dorothy rushed forward and hit the Lion's nose as hard as she could. She cried out, "Don't eat Toto!"

"I didn't eat him," said the Lion.

"No, but you tried to," she answered. "You are nothing but a big coward*."

"I know I am," said the Lion. "But what can I do?"

"The King of the Animals shouldn't be a coward," said the Scarecrow.

"I know," replied the Lion. "It makes me very unhappy. Perhaps* if I didn't have a heart, I

would not be a coward.”

“Do you have any brains?” asked the Scarecrow.

“I suppose so. I’ve never looked to see,” replied the Lion.

“I’m going to the Great Oz to ask him for some,” said the Scarecrow.

“And I’m going to ask him to give me a heart,” said the Woodman.

“And I’m going to ask him to send Toto and me back to Kansas,” added Dorothy.

“Do you think Oz could give me some courage?” asked the Cowardly Lion.

“Just as easily as he could give me brains,” said the Scarecrow.

“Or give me a heart,” said the Tin Woodman.

“Or send me back to Kansas,” said Dorothy.

“Then, if you don’t mind, I’ll go with you,” said the Lion.

“You will be very welcome,” answered Dorothy.

(*The Wizard of Oz*, L. Frank Baum)

〔注〕 cyclone 竜巻 as time passed 時が経つにつれて strangely 奇妙に
wicked 意地悪な witch 魔女 serve 仕える
emerald エメラルド (の) brick レンガ (造りの)
cornfield とうもろこし畑 scarecrow かかし straw わら
tin ブリキ (の) ax おの woodman 木こり
rush into 〜に飛び出す coward おくびょう者
perhaps ひょっとすると

問1 Dorothy に関する説明として正しい内容を述べているものを一つ選びなさい。

- ① 両親とともにカンザス州の小さな家で暮らしている。
- ② 毎日、床下の小さな部屋に降りる。
- ③ トトというメスの犬を飼っている。
- ④ 飼い犬とともに家ごと空へ吹き飛ばされてしまった。

問2 Dorothy が下線部（1）と言ったのはなぜか。その理由として最も適するものを一つ選びなさい。

- ① Munchkins に歓迎されて嬉しかったから
- ② 取り返しのつかないことをしてしまったと感じたから
- ③ 疑いをかけられて腹が立ったから
- ④ 家族が見つからず悲しかったから

問3 空欄（A）に入る語（句）として最も適するものを選びなさい。

- ① may
- ② cannot
- ③ could not
- ④ have to

問4 下線部（2）が指すものとして最も適するものを選びなさい。

- ① Bird songs
- ② The sun and the birds
- ③ Munchkins
- ④ Dorothy and Toto

問5 空欄（B）に入る Dorothy の台詞として最も適するものを選びなさい。

- ① can you help me?
- ② you'll never see Oz.
- ③ I'll ask Oz to help you.
- ④ I cannot help you.

問6 The Tin Woodman が下線部 (3) と言っている理由は何か。最も適するものを選びなさい。

- ① 自分の体に塗るため
- ② 何かを燃やすため
- ③ 料理をするため
- ④ 家に塗るため

問7 The Lion について書かれた次の英文を読み、本文の内容と一致するものを一つ選びなさい。

- ① When Dorothy and her friends were walking, first of all, he friendly talked to them.
- ② The Lion tried to eat Dorothy's dog but he couldn't.
- ③ The Lion feels unhappy though he doesn't think he is coward.
- ④ He decided to follow Dorothy and her friends to ask them to give him something.

問8 Dorothy の旅の仲間たちが Oz から欲しがっているものの正しい組み合わせを一つ選びなさい。

- | | | | | | |
|-------------|------|-------------|------|------|------|
| ① Scarecrow | — 勇気 | Tin Woodman | — 脳 | Lion | — 心臓 |
| ② Scarecrow | — 脳 | Tin Woodman | — 心臓 | Lion | — 勇気 |
| ③ Scarecrow | — 脳 | Tin Woodman | — 勇気 | Lion | — 心臓 |
| ④ Scarecrow | — 勇気 | Tin Woodman | — 心臓 | Lion | — 脳 |