

英語・数学・理科^{〔生物基礎〕}・国語

〔注 意 事 項〕

1. 試験開始の合図があるまで、問題冊子の中を見てはいけません。
2. 問題冊子の出題科目、ページ等は、下表のとおりです。監督者の指示に従って確認しなさい。

出題科目	大問題番号	ページ	対象受験者
英語	第1問～第4問	1～12	2科目受験
数学	I～Ⅲ	15～20	
生物基礎	I～Ⅲ	23～37	
国語	第一問 第二問	62～39 (裏表紙の次のページから)	

- ・医療保健学部を受験生は英語、国語、数学、生物基礎から2教科2科目選択し解答しなさい。
 - ・看護学部を受験生は英語、国語、数学、生物基礎から2教科2科目選択し解答しなさい。
 - ・人間社会学群を受験生は英語、国語、数学から2教科2科目選択し解答しなさい。
 - ・国語の問題は裏表紙「数学 マークシート記入上の注意」の次ページから始まるので注意すること。
3. 解答用紙はマークシート2枚です。
 4. 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付いた場合は、手をあげて監督者に知らせなさい。
 5. マークは、解答用紙（マークシート）に記載してある「記入上の注意」をよく読んだうえで、正しくマークしなさい。ただし、数学のマークは、問題冊子裏表紙の「数学 マークシート記入上の注意」をよく読んだうえで、正しくマークしなさい。
 6. 受験番号及び氏名は、解答用紙（マークシート）の所定欄に正確に記入し、また受験番号欄の番号を正しくマークしなさい。
 7. 監督者の指示があつてから、解答用紙（マークシート）の左上部にある「科目欄」に受験する科目名を記入しなさい。（数学については数学専用の解答用紙（マークシート）を使用すること。）
 8. 問題冊子の中にある余白ページ（P.13, P.14, P.21, P.22, P.38）を下書き用紙として利用してもかまわない。
 9. 試験終了後、問題冊子は持ち帰りなさい。

英 語

(45分 100点)

解答番号(1)～(33)

第1問 次の問い（問1～10）の日本語の意味を表す英文を完成させるために、空欄
[1] ～ [10] に入れるのに最も適切なものを、それぞれ下の①～④の
中から一つ選びマークしなさい。（20点）

問1 ケヴィンは毎晩、夕食後に少なくとも1時間ギターを弾く。

Kevin plays the guitar every evening after dinner for [1] an hour.

- | | |
|-----------------|----------------|
| ① at least | ② at most |
| ③ no fewer than | ④ no more than |

問2 私は新車を買うべきか中古車を買うべきか決められない。

I can't decide whether to buy a new car or [2] .

- | | |
|----------------|----------------|
| ① a one of use | ② a used one |
| ③ it of use | ④ that is used |

問3 その映画が実話に基づいていると知って私たちは驚いた。

We were surprised to find out that the movie was [3] a true story.

- | | | | |
|------------|-------------|---------------|----------------|
| ① based on | ② basing on | ③ the base of | ④ the basis of |
|------------|-------------|---------------|----------------|

問4 あなたが教えてくれなかったら、私はそのセールに行きそびれていただろうね。

If you hadn't told me about the sale, I 4 it.

- | | |
|----------------------|---------------------|
| ① will have escaped | ② will have missed |
| ③ would have escaped | ④ would have missed |

問5 大学を卒業した後、リサは数か月間アジアを旅してまわる計画を立てている。

After 5 college, Lisa plans to travel around Asia for a few months.

- | | |
|-------------------|------------------|
| ① graduate of | ② graduated from |
| ③ graduating from | ④ graduation for |

問6 エミリーはもっとニューヨークの家族に近いところに引っ越したいので、新しい仕事を探している。

Emily is 6 a new job because she wants to move closer to her family in New York.

- | | |
|------------------|-----------------|
| ① accounting for | ② looking after |
| ③ passing out | ④ searching for |

問7 私は来年、留学することを考えています。多分、イングランドかオーストラリアに。

I'm thinking of studying 7 next year, maybe in England or Australia.

- | | | | |
|----------|-----------|----------|-----------------|
| ① abroad | ② foreign | ③ global | ④ international |
|----------|-----------|----------|-----------------|

問8 そのケーキはとてもおいしかったので、みんな二切れ目を求めた。

The cake was 8 delicious that everyone asked for a second piece.

- ① much ② so ③ such ④ very

問9 私が図書館から借りた本は明日が返却期限なので、今夜中に読み終える必要がある。

The book I borrowed from the library is 9 tomorrow, so I need to finish reading it tonight.

- ① deadline ② due ③ limit ④ return

問10 オリヴィアがその仕事に引かれたのは、新しいスキルを学ぶチャンスがあるからだった。

10 attracted Olivia to the job was the chance to learn new skills.

- ① Something ② That ③ What ④ Why

第2問 次の問い（問1～5）の会話の空欄 ～ に入れるのに最も適切なものを、それぞれ下の①～④の中から一つ選びマークしなさい。（20点）

問1 Amelia: Do you shop for clothes at second-hand shops?

Henry: I've never done it. ?

Amelia: Absolutely, you can find some unique items.

- ① Are you free this weekend
- ② Is it worth trying
- ③ Is it your favorite shop
- ④ It's cheap, right

問2 Isabella: Do you know a good mechanic? My car's been making a strange noise.

Ethan: I do, actually. .

Isabella: That's a relief. Could you give me their contact information?

- ① I know far more about cars than the mechanics around here
- ② I would fix your car for free
- ③ It seems that there's something wrong with the engine
- ④ The shop I use is honest and not too expensive

問3 Layla: Do you have experience with graphic design? I need some help with a project.

Owen: I know a few things.

13

?

Layla: It's a poster for a local event.

- ① How do you rely on another person
- ② What's your project about
- ③ When shall I give you a helping hand
- ④ Why do you think you can help me

問4 Mia: Are you going to the farmers' market this Sunday?

Noah: I was thinking about it.

14

.

Mia: Me, too. I'm planning to get some flowers as well.

- ① I dislike going out in crowds
- ② I need some fresh vegetables
- ③ I probably won't go
- ④ I'll prepare lunch for them

問5 Harper: Do you have any plans for the long weekend?

Lucas: Not yet. I'm looking for something fun to do.

15

?

Harper: How about a camping trip?

- ① Any ideas
- ② Care to
- ③ How come
- ④ Need help

第3問 次の問い（問1～5）において、それぞれ①～⑤の語句を並べ替えて空所を
補い、日本語の意味を表す英文を完成させなさい。解答は、空欄 16 ～
25 に入れるものの番号をマークしなさい。（20点）

問1 夜遅くにコーヒーを飲んだら眠りづらくなるかもしれないよ。

If you drink coffee late at night, you might 16
17 .

- ① difficult ② fall asleep ③ find
④ it ⑤ to

問2 その博物館は、12歳未満の子どもは無料で入場できる。

The museum 18 19 .

- ① children ② free admission ③ offers
④ to ⑤ under 12

問3 このドアは一晩中鍵を開けっぱなしにしてはいけません。

This door 20 21 overnight.

- ① be ② left ③ must
④ not ⑤ unlocked

問4 オンラインで買い物をするほうが好きな人の数は大きく増加した。

The number _____ 22 _____ 23 _____ has increased significantly.

- ① of ② people ③ prefer
④ shopping online ⑤ who

問5 今夜は外出するよりも家にいて映画を見たい。

I'd rather _____ 24 _____ 25 _____ tonight.

- ① and watch a movie ② go out ③ home
④ stay ⑤ than

第4問 次の文章を読み、下の問い（問1～8）に答えなさい。なお、設問の都合上、本文を [A]～[G] の部分に分けてある。（40点）

[A] Scientists have shown that humans appear to have an ability to understand the signs of apes*. The result is a little surprising, since most people haven't spent much time at all with apes. ⁽²⁶⁾

Humans use words to talk to each other. But we also point, nod, and use our hands to show what we mean. We've been doing this for tens of thousands of years.

[B] Apes have their own system of gestures (special movements or signs) to show what they mean. Chimpanzees and bonobos are two kinds of apes that are closest to humans.

They use about 80 different gestures to show what they mean. For example, a gesture the researchers call "big loud scratch" means "help pick insects off of me."

Scientists have learned the meanings of these gestures by studying chimpanzees and bonobos for years. Though the two groups of apes use different signs in a few cases, they share over 90% of the same gestures.

[C] Scientists have studied how apes use gestures. But until now, no one had studied whether humans could understand the gestures of apes.

Researchers Kirsty Graham and Catherine Hobaiter at the University of St. Andrews decided to test this idea. They wanted to see if humans with no training or experience could understand the gestures of chimpanzees and bonobos. ⁽²⁸⁾

[D] The researchers created a game for people to play online. 29

[E] For the videos, the researchers chose 10 of the most common gestures used by chimpanzees and bonobos. Thousands of people played the game.

The researchers were surprised to find that people were able to choose

the correct meaning of the gestures over 50% of the time. That's twice as good as people would be expected to do by chance.

For some of the gestures, people were able to choose the correct meaning about 80% of the time. One example of this was the gesture of wiping the mouth, which people correctly guessed meant "give me that food."

[F] The scientists believe that humans may have a natural ability to understand the gestures of apes. But it's not clear why.

Humans and other apes all developed from an earlier kind of ape that lived long ago. One possibility is that the body language of these gestures has been passed down from this shared ancestor.

Dr. Graham says these gestures are used by all kinds of great apes. "If humans understand them," she told CNN, "then it seems like a great ape gesture ability that would have been used by 31."

[G] ① Another possibility is that the gestures are a natural result of humans and apes sharing similar body shapes and needing to communicate similar ideas. ② It's also possible that the gestures simply look like the actions they are requesting.

③ The researchers say that they need to study how humans are able to understand the gestures of apes. ④

(出典 : <https://newsforkids.net/articles/2023/02/23/humans-can-understand-signals-used-by-apes/> 一部改変)

(注) ape 「類人猿」

問1 下線部 The result is a little surprising の理由として最も適切なものを、
 次の①～④の中から一つ選びマークしなさい。 26

- ① Humans show what they mean by pointing, nodding and using their hands.
- ② Humans thought they could understand apes' signs.
- ③ Most people do not see apes frequently.
- ④ Only humans have used language to communicate.

問2 [B]の内容に一致するものを、次の①～④の中から一つ選びマークしなさい。 27

- ① Apes, including chimpanzees and bonobos, communicate primarily through voice rather than gestures.
- ② Chimpanzees and bonobos have developed over 100 distinct gestures with various meanings.
- ③ Chimpanzees and bonobos use a similar set of gestures, and they have many gestures in common.
- ④ The gesture known as “big loud scratch” is a request among apes to be given food.

問3 下線部 this idea の内容として最も適切なものを、次の①～④の中から一つ
 選びマークしなさい。 28

- ① the idea that chimpanzees and bonobos use gestures
- ② the idea that humans might be able to make out the gestures of apes
- ③ the idea that no one had studied how apes use gestures
- ④ the idea that trained humans could understand the gestures of apes

問4 以下のA～Cの3つの文を意味が通るように並べ替えて空欄

29

 に入れる場合、最も適切な順番を次の①～④の中から一つ選びマークしなさい。

A. People watched short videos of apes making a gesture.

B. The game was simple.

C. Then they had to choose the correct meaning of the gesture out of four possible answers.

① A－B－C

② A－C－B

③ B－A－C

④ B－C－A

問5 [E]の内容に一致するものを、次の①～④の中から一つ選びマークしなさい。

30

① 5分の4の実験参加者が、類人猿が口を拭う身振りを「その食べ物を下さい」という意味だと正しく推測できた

② 研究者は類人猿に人間が用いる10種類の身振りを見せて、類人猿がそれぞれの意味を理解できるかどうか調査した

③ この実験では、人間に類人猿の身振りを真似させることで、その身振りがどのような意味を持つのかを人間に推測させた

④ 人間は類人猿が用いる10種類の身振りをほとんど理解できなかったが、一部の問題だけ80%以上の高い正答率であった

問6 本文の内容から推測して、空欄 31 に入れるのに最も適切な語句を、次の①～④の中から一つ選びマークしなさい。

- ① all human beings
- ② animals other than apes
- ③ modern humans alone
- ④ our last common ancestors

問7 以下の文を入れるのに最も適切な箇所を、[G]の①～④の中から一つ選びマークしなさい。 32

They're also curious about how humans understand other animals, like dogs.

問8 本文のタイトルとして最も適切なものを、次の①～④の中から一つ選びマークしなさい。 33

- ① “A Researcher’s Unique Experiment: How to Make Friends with Great Apes”
- ② “Chimpanzee vs. Bonobo: Which is Closer to Humans?”
- ③ “Communicating with Apes: How We Interpret Their Signs”
- ④ “From Great Apes to Humans: The History of Evolution”

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