

英 語

試験時間60分

[注 意]

1. この問題冊子は指示があるまで開いてはいけない。
2. 受験番号が正しく記入・マークされていない場合は0点となる。
3. 解答はすべて解答用紙の所定欄にマークすること。例えば、問題文中に

10

 と表示のある問いに対して③と解答する場合は、次の(例)のように **解答番号10の解答記入欄の③**にマークすること。正しくマークされていない場合は採点できないことがある。

(例)

解答番号	解答記入欄 (マーク)									
10	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

4. 問題冊子の各ページの余白は自由に使用してよいが、どのページも切り離してはいけない。
5. 試験終了後、解答用紙は通路側に置くこと。なお、問題冊子は持ち帰ること。

英 語
(解答番号

1

 ~

52

)

〈マーク式についての注意〉

1. 機械が読み取って採点するので、折り曲げたり汚したりしないこと。
2. マークはHBの鉛筆で枠の中を濃く塗りつぶすこと。
3. 1つのマーク欄には1つしかマークしないこと。
4. 訂正はプラスチック消しゴムでよく消し、消しきらずはきれいに取り除くこと。
5. 所定欄以外には何も書かないこと。

問題Ⅰ 次の英文を読んで、後に続く各問の答えとして最も適切なものを、それぞれの①～④の中から一つずつ選び、マークして答えなさい。

※著作権の関係上、問題文は掲載していません。

※著作権の関係上、問題文は掲載していません。

[Adapted from <https://www.npr.org/> (一部省略)]

【出典：A manufacturer tried the 4-day workweek for 5 days' pay and won't go back】

(注1) finishing department = 仕上げ部門

(注2) shortcuts and time savers = 近道や時間節約策

(注3) custom, luxury motorhome = 特別注文の豪華なキャンピングカー

(注4) CEO = 最高経営責任者

(注5) odds = 勝算, うまくいく可能性

(注6) mindful = 意識する, 気を配る

(注7) push the envelope = 限界に挑む

(注8) resounding = 際立った

(注9) remodel = 改築

(1) What was Kowalcic's opinion about the four-day workweek before he experienced it?

- ① He had no doubt that it would be successful.
- ② He was confident that he could get more done in less time.
- ③ He had no opinion about the four-day workweek.
- ④ He was worried about how he could get his job done.

(2) What was the goal of the trial conducted by 4 Day Week Global?

- ① To reduce production in order to prevent overproduction.
- ② To create a more efficient system in the workplace.
- ③ To encourage people to do their jobs more carefully.
- ④ To reduce the amount of CO₂ released by production.

(3) Which of the following did Advanced RV attempt to make the four-day workweek possible?

- ① It attempted to encourage its employees to work overtime during the four workdays.
- ② It attempted to employ more people during the four-day workweek.
- ③ It attempted to introduce new machines to get jobs done more quickly.
- ④ It attempted to accept fewer orders from customers each week.

(4) How does Kowalcic feel after having experienced the four-day workweek?

- ① He has enough time to relax, which makes it possible for him to focus better on his work.
- ② He is happy about his life, but he is not happy about his reduced salary.
- ③ He is thinking about leaving Advanced RV because he feels that his family is more important.
- ④ He is happy to spend time with his family, but he feels that the weekend is a little too long.

問題Ⅱ 次の英文を読んで、後に続く各問題文の空所に入れるのに最も適切なものを、それぞれの①～④の中から一つずつ選び、マークして答えなさい。

A new study suggests that roosters can recognize themselves in a mirror. The news came after roosters failed scientists' usual test for this. The surprising result raises questions not just about how smart roosters are, but about how scientists test animal intelligence.

The “mark test” (or “mirror test”) is a way to test whether an animal can recognize itself. A mark is put on an animal, usually in a spot that can only be seen with a mirror. Then the animal is allowed to look in a mirror. If the animal seems to pay attention to the mark, scientists believe the animal has recognized itself (and knows that the mark shouldn't be there).

The mark test is often seen as a good way to learn if an animal is aware of itself—one sign of how smart an animal is. The list of animals who can recognize themselves in a mirror isn't long. The skill has mainly been found in animals with large brains like dolphins, chimpanzees, and elephants. Until recently, only one kind of bird had passed the test.

But some scientists believe the mark test doesn't work well for all animals. Roosters are a good example. Scientists at the University of Bonn in Germany recently ran the mark test on roosters. They put a pinkish triangle on the chest of the roosters. But when the roosters looked in a mirror, they didn't seem to notice the mark. So, the scientists needed a different way to test whether the roosters could recognize themselves.

When there's danger—like a hawk flying above—roosters make loud calls to warn nearby chickens. But roosters only make the cries if other chickens can hear them. If they're alone, they remain quiet so the hawk won't see them. The scientists realized that they could use the shadow of a hawk to test whether or not the roosters thought they were alone—even when they could see “another” chicken in a mirror.

First, the scientists let the roosters spend time getting used to being in a closed-in space and having a mirror around. Then, they ran several tests by making a hawk shadow appear above the bird and watching how the rooster reacted. When there was no mirror, the roosters reacted as usual. They called out when they were near another rooster, but remained quiet when they were alone. But when a rooster was in a space where it could see itself in the

mirror, it wasn't fooled into thinking there was another rooster. It remained silent despite the hawk shadow.

The scientists say the results show that the roosters knew they were seeing themselves in the mirror, and not other roosters. That suggests that the mark test may not be a good test of whether an animal can recognize itself. The scientists hope their results will encourage other scientists to look for better ways of testing self-recognition in animals. It may turn out that some kinds of animals are more intelligent than people thought.

[Adapted from <https://newsforkids.net/> (一部省略)]

【出典：Can Roosters Recognize Themselves in a Mirror?, November 1, 2023.
Copyright 2023 by NewsForKids.net】

(注1) rooster = 雄鶏

(注2) intelligence = 知性

(注3) pinkish = ピンクがかった

(注4) hawk = 鷹

(注5) closed-in = 包囲された

(1) What is the purpose of the mark test mentioned in the passage? 5

- ① To teach animals to recognize themselves.
- ② To determine if animals can see colors.
- ③ To test if animals can recognize themselves.
- ④ To measure the speed of animal reactions.

(2) How did the scientists modify the test to check if roosters recognized their own reflection? 6

- ① By placing a mark on the roosters' chests.
- ② By using a shadow resembling a hawk.
- ③ By playing the sound of other chickens.
- ④ By placing food in front of the mirror.

(3) What did the rooster do when a hawk shadow appeared while they were alone during the second test? 7

- ① It attacked the mirror aggressively.
- ② It called out to warn nearby chickens.
- ③ It kept silent despite the hawk threat.
- ④ It tried to interact with the shadow.

(4) What is the main conclusion the scientists drew from the study? 8

- ① Roosters are not intelligent animals.
- ② Roosters' intelligence can be measured using a mirror test.
- ③ Roosters seem to be more intelligent than previously believed.
- ④ Roosters cannot recognize their own reflections.

問題Ⅲ 次の(1)~(12)の文中の空所に入れるのに最も適切なものを、それぞれの①~④の中から一つずつ選び、マークして答えなさい。

- (1) The executives need costs to stay within budget.
 ① cut ② to cut ③ cutting ④ has cut
- (2) Last week I my friend repair my computer.
 ① had ② used ③ asked ④ got
- (3) When Jill heard that her best friend had asked out her boyfriend, she .
 ① was shocked ② shocked
 ③ was shock ④ was shocking
- (4) If we more money, we could eat at a better restaurant.
 ① have had ② had had ③ had ④ have
- (5) K-pop seems to be popular than traditional music among young people.
 ① far more ② as much as
 ③ as far ④ much
- (6) The child finally found his way home.
 ① lost ② have lost ③ be lost ④ lose
- (7) By the time you arrive, the lesson .
 ① starting ② started
 ③ will have started ④ had started

- (8) He has planned a pilot since childhood.
 ① to become ② became ③ becomes ④ being become
- (9) I heard the price of cell phones much higher now than last year.
 ① costing ② is ③ are ④ spent
- (10) I enjoy in the park to clear my mind every evening.
 ① running ② to run ③ ran ④ having run
- (11) A: "Is this seat vacant?"
 B: "I'm sorry, it is already ."
 ① sat ② taken ③ been ④ asked
- (12) That's the woman bag was stolen yesterday.
 ① who ② whom ③ whose ④ which

問題Ⅳ 次の(1)～(6)の日本語の意味を表すように、それぞれ下の①～⑦の語を並べかえて空所を補い英文を完成しなさい。解答は ～ に入るべきものをマークして答えなさい。

- (1) リモートワークはコロナ禍において従業員にとっても人気があった。

Working _____ _____ _____ during COVID-19.

- ① was ② popular ③ among ④ remotely
⑤ the ⑥ employees ⑦ very

- (2) 教育は私たちに新しいことを学ぶたくさんの機会を与えてくれる。

Education _____ _____ _____ things.

- ① to ② gives ③ many ④ opportunities
⑤ new ⑥ learn ⑦ us

- (3) 生成 AI は、私たちに解決しなければならないいくつかの困難な問題をもたらした。

Generative AI _____ _____ _____ should be solved.

- ① issues ② has ③ difficult ④ some
⑤ that ⑥ brought ⑦ us

- (4) 高齢化社会と少子化問題は密接に関係している。

The problems of our ageing _____ _____ _____ related to each other.

- ① declining ② closely ③ birthrate ④ are
⑤ and ⑥ society ⑦ the

- (5) 携帯電話は、20世紀における最も注目すべき発明品の一つである。

The mobile phone _____ _____ _____ of the 20th century.

- ① inventions ② one ③ the ④ of
⑤ is ⑥ remarkable ⑦ most

- (6) 自家用車を使わずに公共の乗り物を利用することで、大気中の二酸化炭素の量を減らすことが出来る。

Using public transportation _____ _____ _____ of CO₂ in the air.

- ① instead ② amount ③ the ④ reduce
⑤ of ⑥ can ⑦ cars

問題Ⅴ 次の(1)~(5)に与えられた定義に最も合う語句を、それぞれの①~④の中から一つずつ選び、マークして答えなさい。

(1) a person who has violated a major law

- ① a detective ② a criminal ③ a judge ④ a lawyer

(2) really wanting or needing something, or being in a very bad situation

- ① desirable ② awful ③ desperate ④ terrible

(3) to successfully deal with a problem, win, or beat someone

- ① to overcome ② to adapt
③ to confront ④ to prevent

(4) plants, fruits, or vegetables that are collected when fully grown

- ① a pasture ② a supply ③ a meadow ④ a crop

(5) to proudly speak about yourself, your actions, or achievements

- ① to boast ② to qualify ③ to reward ④ to accomplish

問題Ⅵ 次の英文を読んで、 ~ に入れるのに最も適切なものを、それぞれの①~④の中から一つずつ選び、マークして答えなさい。

※著作権の関係上、問題文は掲載していません。

※著作権の関係上、問題文は掲載しておりません。

[Adapted from <https://www.bbc.com/> (一部省略)]

(注1) bone marrow transplant = 骨髄移植

(注2) neonatal intensive care unit = 新生児集中治療病棟

(注3) corridor = 廊下

(注4) diagnosis = 診断

(注5) donor = (組織, 臓器) 提供者

(注6) anonymous = 匿名の, 名前を出さない

(注7) hug = 抱きしめる

(注8) vein = 血管

(1) 38

- ① each other ② every brother
③ someone or other ④ such a one

(2) 39

- ① doctors ② patients ③ nurses ④ helpers

(3) 40

- ① idea ② courage ③ time ④ process

(4) 41

- ① all ② full ③ rest ④ time

(5) 42

- ① breaks ② makes ③ recovers ④ replaces

(6) 43

- ① incapable ② unable ③ hoping ④ unwillingly

(7) 44

- ① had worked ② made ③ was known ④ must

(8) 45

- ① digested ② recorded ③ saved ④ identified

(9) 46

- ① when ② where ③ which ④ while

(10) 47

- ① gone ② taken ③ out ④ over

(11) 48

- ① for ② to ③ with ④ without

(12) 49

- ① Bound ② Done ③ Lost ④ Surprised

16

(13)

- ① struggled ② supported ③ suffered ④ survived

(14)

- ① knew ② found ③ revealed ④ revived

(15)

- ① apart ② in touch ③ on board ④ quiet