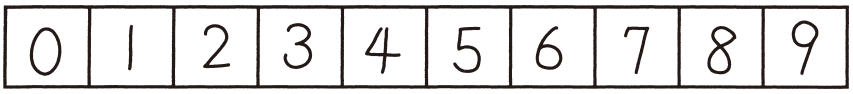
（令和４年度前期日程）

# 英　　語

90　分

**注　意　事　項**

1. 試験開始の合図までこの冊子を開かないこと。
2. 本問題冊子は 14 ページ，答案用紙は 2 ページである。
3. 各答案用紙の上の枠内には，**受験番号**を記入し，その右側の枠内には，受験番号の**下 2 桁**の数字を忘れずに記入すること。
4. 解答はすべて各答案用紙の所定欄に明瞭に記入すること。
5. 問題冊子および答案用紙は切りはなさないこと。
6. 答案用紙に記入する受験番号の数字の字体は，下記の例にならい，明瞭に記入すること。



**I**　次の英文を読んで，以下の設問に答えよ。(85 点)

**著作権処理の関係上，公開しておりません**

**本文は，６ページまで続きます**

著作権処理の関係上，公開しておりません



◇M4(778—70)

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[Adapted from David Adger, *Language Unlimited: The Science Behind Our Most Creative Power*. Oxford: Oxford University Press, 2019: 35–41.]

*1 cced　同報(cc)の宛先に入れて送った

*2 butler　執事

*3 gargoyle　ゴシック建築の屋根等によくみられる，怪物の形をした雨水の落とし口

*4 lubricate　円滑にする

*5 à la Shannon　シャノン流に

Ⅰ–1. 下線部⑴‘the actual act of communication’において，誰が何をして，それぞれ何を伝えるのか。70 字以内の日本語で説明せよ。（句読点も文字数に含める。）

Ⅰ–2. 下線部⑵を日本語に訳せ。

Ⅰ−3. 下線部(3)を英語に訳せ。

Ⅰ−4. 下線部(4)を日本語に訳せ。

Ⅰ−5. [ (ア) ] から [ (オ) ] のそれぞれに入れるのにもっとも適切な文をＡからＥの中から選び，記号で答えよ。

Ａ．Can we do better than just trying to analyse the concept?
Ｂ．It's the engine of our imaginations.
Ｃ．Language doesn't need to be involved at all.
Ｄ．The function of that writing is not to communicate.
Ｅ．Use isn't essence.

Ⅰ−6. 以下の①と②の答としてもっとも適切なものをＡからＥの中から選び，記号で答えよ。

① Which of the following is one of the objections to Shannon's theory made by the author?

Ａ．that messages can get distorted or obstructed on their way to the receiver
Ｂ．that senders may create and share concepts that may never have occurred to recipients
Ｃ．that some people communicate primarily through facial expressions that are more likely to be misunderstood than words
Ｄ．that there are many functions for language that can be classified by the frequency of their use
Ｅ．that under the influence of alcohol, senders and receivers of messages are likely to miscommunicate

② Which is a use of language NOT mentioned in the text?

A. to make sense, on our own, of things that occurred in the past

B. to pass information along from one person to another

C. to reflect on what other people may be experiencing inside themselves

D. to support our cognitive processes even without an audience

E. to understand another culture by learning its language

I-7. 以下の1から10の文の中から本文の内容に一致するものを3つ選び，番号で答えよ。

1. Cultural activities such as painting, music, and dance are communicative to the extent that they can be interpreted through language.
2. The author categorizes emojis as elements of language that indicate degrees of consensus.
3. The author discusses radio transmission and receipt to illustrate the notion of unconscious communication.
4. In the example of the candles, the author suggests that verbal exchanges may have happened prior to nonverbal communication.
5. The author illustrates a situation where communication can be complete even if the content of a message is not true.
6. A variety of interpretations will be generated whenever an act of communication is successful.
7. Some applications of alcohol include facilitating social situations, sanitizing medical devices, and soothing emotional pain.
8. For writers, the ultimate goal of writing is not to explore their own internal life, but to convey information to others.
9. Giving examples of a candle, a gargoyle, and a cat, the author demonstrates that human language is fundamentally symbolic.
10. Chimpanzees and cats communicate among those of their species in ways that humans fail to recognize as language.

Ⅱ　次の英文を読んで，以下の設問に答えよ。(65 点)

**著作権処理の関係上，公開しておりません**

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◇M4(778—80)

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[Adapted from Marcus du Sautoy, *The Creativity Code: How AI Is Learning to Write, Paint and Think*. London: 4th Estate, 2019: 155–159.]

*1 decimal　小数の，十進法の
*2 G. H. Hardy　イギリスの数学者(1877-1947)
*3 Richter　ドイツの画家(1932-)
*4 Lascaux　ラスコー(フランス南西部の地名)
*5 the Pleiades　すばる，プレイアデス星団
*6 stag　雄鹿
*7 rutting　発情している
*8 cuneiform tablets　楔形文字を刻んだ書字板

Ⅱ−1. 下線部⑴を日本語に訳せ。

Ⅱ−2. 下線部⑵で，壁画に描かれている「点」(dots)を 'some of the earliest recorded mathematics' だと著者が考えるのはなぜか。本文の内容に沿って，80 字以内の日本語で説明せよ。(句読点も文字数に含める。)

Ⅱ−3. 下線部⑶を英語に訳せ。There で始めること。

Ⅱ−4. 下線部⑷を日本語に訳せ。

Ⅱ−5. 空欄 [ (a) ] と [ (b) ] には数字が入る。それぞれの空欄に入れるのにふさわしい算用数字を答えよ。

Ⅱ−6. 以下の 1 から 9 の文の中から本文の内容に一致するものを 2 つ選び，番号で答えよ。

1. G. H. Hardy was slow in calculation, but excelled in finding universal patterns to explain mathematics to ordinary people.
2. Those who do not have mathematical brains tend to see patterns where there are none.
3. In some of the cave paintings found in Lascaux, you can find the very moment when aurochs were hunted by huntsmen in the coldest season of the year.
4. Chicks have a natural ability to distinguish among certain smaller and larger numbers, which, the text implies, plays a role in their survival.
5. In ancient Mayan communities, prisoners were required to count down the days till their release on the wall of the jail.
6. The Mayan system of writing down numbers was superior to that of the Romans when it came to handling big numbers.
7. Ancient Babylonian cuneiform tablets demonstrate that mathematics was used for the purpose of education.
8. The word ‘algorithm’ comes from Al-Khwarizmi, who discovered a method to find the product of two numbers, using tablets with square numbers.
9. The primary purpose of this passage is to persuade the reader that mathematics is the key to success in life.