

令和3年度医学科入学試験問題

英 語

〔注意事項〕

- 1 監督者の指示があるまで、この冊子を開いてはいけない。
- 2 解答用紙に受験番号と氏名を必ず記入すること。
- 3 この問題冊子の本文は、17ページからなっている。落丁、乱丁及び印刷不鮮明な箇所等があれば、手をあげて監督者に知らせなさい。
- 4 この問題冊子の白紙と余白は、適宜下書きに使用してもよい。
- 5 解答は、すべて別紙「解答用紙」の指定された場所に記入すること。
- 6 この問題冊子は持ち帰ること。

I

Read the following passage and answer the questions which follow.

(問題文 本文は公表しない)

(Adapted from: *Philosophy of Science: A Very Short Introduction* by Samir Okasha. Oxford University Press, 2002)

### QUESTIONS

Underlined 1: What does “the statement in question” mean in the underlined part? Write the answer in Japanese.

Underlined 2: What does “this position” mean in the underlined part? Write the answer in Japanese.

Underlined 3: Explain the meaning of the underlined part specifically by clarifying “its” and “this”. Write the answer in Japanese.

Underlined 4: Explain the meaning of the underlined part specifically by clarifying “one” and “the other”. Write the answer in Japanese.

Underlined 5: Why does the author give this conclusion? Explain the reason(s) in detail logically according to the context. Write the answer in Japanese.

Underlined 6: Why does the author say this? Write the answer in Japanese.

Underlined 7: Why does the author say, “it is obvious”? Write the answer in Japanese.

Underlined 8: Why does the author say this? Write the answer in Japanese.

Underlined 9: Choose the answer which has the closest meaning to the word "fraction" in this sentence. Write the LETTER of the answer.

A: component

B: division

C: entity

D: fragment

E: portion

Underlined 10: Explain the underlined part, with reference to the meaning of "is also powerless". Write the answer in Japanese.

11. Fill in the blank with one word from the paragraph numbered (11) that makes the sentence logical.

Attempting to prove an assumption using a logical interpretation is not completely possible because the \_\_\_\_\_ of that assumption being true or false faces both mathematical and philosophical problems.

Underlined 12: Choose the answer which has the closest meaning to the word "scant" in this sentence. Write the LETTER of the answer.

A: enough

B: great

C: real

D: reasonable

E: slight

**II**

Read the following passage and answer the questions which follow.

(問題文 本文は公表しない)

(Adapted from: "Environment: Let there be dark" by Paul Bogard. In *The Los Angeles Times*. Monday, January 7, 2013.)

**QUESTIONS**

Underlined 1: In English, give two reasons why the author speaks of the "spreads of stars" as being "sugary."

Underlined 2: Complete the following sentence in English by filling in the underlined part so that its meaning is clearer.

Many children born in the United States "will never know a sky dark enough for the Milky Way" \_\_\_\_\_.

Underlined 3: What does "for all" refer to in the underlined part? Write the answer in one or a few English words.

Underlined 4: What does "carcinogen" mean in the underlined part? Answer by completing the following sentence:

The World Health Organization classifies working at night as "a probable human carcinogen" because it \_\_\_\_\_.

Underlined 5: Exactly how do bats "save American farmers billions of dollars" in the underlined part? Write the answer in a complete English sentence.

Underlined 6: By quoting words from the passage, give two reasons why the author says that "Ecological light pollution is like the bulldozer of the night." Write the answer in English.

First reason: \_\_\_\_\_  
\_\_\_\_\_

Second reason: \_\_\_\_\_  
\_\_\_\_\_

Underlined 7: Rewrite "ecosystems several billion years in the making" so as to make its meaning clearer by beginning with "these ecosystems have taken":

These ecosystems have taken  
\_\_\_\_\_

Underlined 8: The author speaks of "the northern lake where I was lucky to spend my summers". Where was this lake located? Write the answer in English.

Underlined 9: "This winter, let us begin." Let us begin to do what? Complete this sentence by quoting words from the passage and write the answer in the underlined part.

This winter, let us begin  
\_\_\_\_\_

**III**

Read the following passage and answer the questions which follow.

(問題文 本文は公表しない)

(Adapted from: "Fine-scale study reveals genetic roots of modern Britons" by Nicholas Wade. In *The New York Times International Edition*. Friday, March 20, 2015.)

**QUESTIONS**

According to the content of the passage, write T for True, F for False or N for Not mentioned in the text for each statement. Answer a question with "N" only if the statement is either not present in the text or cannot be inferred from the information in the text.

1. The Romano-British population disappeared in 410 A.D. when the Roman Empire faced invaders from northern Europe resulting in the birth of Christianity in Rome.
2. The Anglo-Saxon invaders and the existent Romano-British inhabitants lived alongside each other and intermarried.
3. Approximately 10,000 years ago there was a migration, which the researchers can identify from the genetics of people in Wales.
4. The genetic markers of the migration 10,000 years ago have disappeared, making it difficult to determine the genetic roots of modern British people.
5. The current inhabitants of the southern and central parts of England have the same genetic identity as those who live on the periphery of the country — Cornwall, Wales, and Scotland.

6. In southern and central parts of England, farming systems and roads introduced during Roman rule made for easy intermarriage with the Celtic population along the periphery.
7. DNA analysis of Britain's modern 17 genetic clusters reveals that they are distinguishable based on whether they are located in rural or urban areas.
8. Genetic analysis by Dr. Donnelly and his colleagues reveals certain migrations — which were not part of historical records — into Britain from other countries.

**IV** Read the following and write an essay in English in about 200 words.

In recent years, the Japanese government has focused considerable energy on increasing international tourism to Japan. The effort has been effective, and the numbers of tourists visiting Japan have increased.

Write an essay in which you explain two or three negative outcomes that result or might result from increased international tourism, and then discuss two or three possible measures you consider should be taken to overcome these negative outcomes.