

February 9, 2019

島根大学大学院医学系研究科
医科学専攻（博士課程）入学者選抜

（第2次募集）

英 語 A
English A

（60分間）

Time limit: 60 minutes

注 意

1. 問題紙は指示があるまで開いてはいけません。
2. 問題紙は表紙を除き4枚です。
3. 問題紙は持ち帰ってください。

Notice:

1. Do not open this cover until you have been instructed to by a proctor.
2. The question sheet consists of 4 pages not including this cover.
3. You must bring the question sheet back when you are finished.

Read the following article and answer the questions below.

(この部分につきましては、著作権の関係により、公開しません。)

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(Adapted from Nature 561: 185–186, 2018)

Figure

(この部分につきましては、著作権の関係により、公開しません。)

Q1. Which of the following titles is likely to be fitted to the article?

- A, A newly discovered mechanism driving neuronal mutations in Parkinson's disease
- B, Elusive mitochondrial connection to inflammation uncovered
- C, Brain inflammatory cascade controlled by gut-derived molecules
- D, Mitochondrial DNA can be inherited from fathers, not just mothers
- E, An inflammatory transcriptional switch

Q2. Which word best fills in the blanks (1) and (2) of the text? Put a circle around the word you choose.

Q3. Fill in the blanks (A) of the text and (B) and (C) of the Figure with a suitable word.

Q4. Summarize the main points of this article in either Japanese for Japanese examinee or English for foreign examinee.

ANSWER SHEET FOR ENGLISH A

Examinee's number

Q 1

Q 2

1	decrease / increase	2	high / low
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Q 3

A		B	
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C	
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Q 4

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.