

February 8, 2020

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. 問題紙は表紙を含めて3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 3 pages including this cover.
3. You must bring the question sheet back when you are finished.

Read the following text and answer the questions.

(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 *Gut* 2019; **68**:1516–1526 with some modifications)

Notes:

non-alcoholic steatohepatitis: excessive fat build-up in the liver due to causes other than alcohol use and progresses to liver damages including inflammation and fibrosis.

amyotrophic lateral sclerosis: a specific disease that causes the death of neurons controlling voluntary muscles.

Crohn's disease: a type of inflammatory bowel disease that may affect any part of the gastrointestinal tract from mouth to anus.

dysbiosis: a term for a microbial imbalance or maladaptation on or inside the body.

autism: a developmental disorder characterized by difficulties with social interaction and communication, and by restricted and repetitive behavior.

irritable bowel syndrome: a group of symptoms—including abdominal pain and changes in the pattern of bowel movements without any evidence of underlying damage.

chronic fatigue syndrome: a medical condition characterized by long-term fatigue and other persistent symptoms that limit a person's ability to carry out ordinary daily activities.

受験番号 Examinee's number

Q 1 Enter appropriate phrase or words in the ( A ).

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Q 2 Explain the “( A )” in proper terms or phrase in the text.

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Q 3 List the three questions about the underlined part.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

Q 4 What is the most important factor to cause the break of intestinal barrier?

Write one that you think it the most important.

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Q 5 Summarize the main points of the text in either Japanese or English.

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