

February 13, 2016

英語 B
English B

(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 not including this cover.
3. You must bring the question sheet back when you are finished.

Read the following article and answer the following 4 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。)

(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。)

(Revised from ScienceDaily, December 17, 2015)

Question 1. Select adequate words for the space (A)-(E) from those given below (Each word should be used just once).

associated, demonstrate, produced, identified, inhibited

Question 2. Select an appropriate description that accords with this article from those given below.

- A. Heart disease is the most frequent cause of death in the United States.
- B. TMAO is produced by digesting animal amino acids in the gut.
- C. Clinical studies have shown TMAO is linked with decreased risk of stroke.
- D. Antibiotics are used for protecting the gut flora.
- E. There is evidence that reduced TMAO developed less atherosclerosis in human.

Question 3. Select the nutrients which form TMAO during digestion in the gut.

- A. olive oils
- B. DMB
- C. phosphatidylcholine
- D. carnitine
- E. statins

Question 4. Describe how gut microbe is important for prevention of atherosclerosis.