

受験 番号							氏 名	

問題 1. 下の文章は飲酒に関する記事である。空欄に入れるのに最も適切なものを選択肢の中から選び、解答欄にその番号を記入しなさい。さらに文章すべてを日本語訳しなさい。

(1). A weakening of a mechanism that () a sense of satisfaction after drinking could lead to excessive alcohol consumption, a team of Japanese researchers has found.

1. production 2. produces 3. produce 4. produced

(2). The discovery by the team, including researchers from Kyoto University, was () in a U.S. scientific journal last month.

1. published 2. perished 3. publish 4. perish

(3). The team expects the findings to help improve alcoholism treatment and support the development of drugs and food aimed () reducing alcohol intake.

1. to 2. in 3. at 4. on

(4). In experiments using mice, the group found that after drinking, FGF-21, a hormone produced by the liver, () brain nerves and generates a feeling of satisfaction.

1. stimulates 2. simulates 3. stimulate 4. simulate

(5). The group confirmed that a sense of satisfaction weakened after drinking in mice with alcohol (), leading to greater alcohol consumption

1. addiction 2. addition 3. production 4. inhibition

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問題 1. 続き

(6). Mice both with and without () drank alcohol less frequently after being given allulose, a type of sugar that promotes the secretion of FGF-21.

1. capitalism 2. lookism 3. feminism 4. alcoholism

(7). In alcohol-dependent mice, the effect () for a week.

1. lasted 2. started 3. ended 4. signified

(8). The researchers plan to () a drug that stimulates FGF-21 secretion and test its effect on patients with alcohol addiction.

1. slope 2. gallop 3. envelop 4. develop

(9). “We found that drinking alcohol is linked to satisfaction, just as () is” said professor Tsutomu Sasaki of Kyoto University’s Graduate School of Agriculture.

1. appetite 2. participate 3. appreciate 4. peptide

(10). Leveraging the finding, “we hope to help prevent people () excessively taking alcohol” Sasaki added.

1. in 2. from 3. to 4. for

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続き

問題 2. 次の日本語を英語でどう表現するか、表示してある先頭の 1 文字を使って空欄に適切な 1 語を入れなさい.

- (1). 怖がらずにペダルを強くこげ. Don't be scared. Just (p) hard.
- (2). この自転車は 10 段階の変速ギアがついている. This is a ten-(s) cycle.
- (3). 坂道を登るときは、自転車を立ちこぎした方がよいよ. It's easier if you (s) up to pedal when you're going uphill.
- (4). 君たち、自転車の二人乗りは危ないよ. Hey, riding (d) on a bike is dangerous

問題 3. 次の日本語を英訳しなさい.

- (1). 時を戻そう.
- (2). 池袋行きの急行に乗り遅れました.
- (3). 「コロナ対策実施中」