

科目

## 外国語(英語)

医学部医学科

## 注 意

1. 開始の合図があるまで、この問題冊子を開いてはいけません。
2. 問題は1ページから10ページにわたっています。問題冊子に不備がある場合は、直ちにその旨を監督者に申し出てください。
3. 解答用紙は3枚で、問題冊子とは別になっています。解答は、すべて解答用紙の所定の欄に記入してください。指定された以外の解答欄・解答用紙に記入した場合は、評価(採点)の対象としません。
4. 受験番号は、3枚の解答用紙のそれぞれの上部の欄に記入してください。
5. 解答用紙は持ち帰ってはいけません。
6. 下書き用紙がありますので、活用してください。
7. 問題用紙と下書き用紙(1枚)は持ち帰ってください。

令和4年度富山大学一般選抜前期日程  
英 語  
問 題 訂 正

○2月25日(金)

16時45分試験開始：医学部・医学科

問題冊子 5ページ [1] (4)の問題文を訂正します。

【訂正前】

…Fill in each blank from ( a ) to ( h ) a word or a group of words …

【訂正後】

… Fill in each blank from ( a ) to ( h ) with a word or a group of words …

問題冊子 7ページ [2] 冒頭の問題指示文を訂正します。

【訂正前】

…The words with an asterisk \* are defined in the note section.

【訂正後】

…The words with an asterisk \* are defined in the Notes section.

問題冊子 10ページ [2] (2)の問題文を訂正します。

【訂正前】

Write an English essay about 250 words …

【訂正後】

Write an English essay of about 250 words…

1

Read the article below and answer the questions that follow. All questions must be answered in English. Words marked with an asterisk \* are defined at the end of this article in the Notes section.

## 著作物引用箇所のため非公表

# 著作物引用箇所のため非公表

# 著作物引用箇所のため非公表

(Thomas Nail, February 17, 2021, *Nautilus Magazine*, extracted and slightly modified.)

**\*Notes:**

serotonin: a chemical substance that carries messages from nerve cells to other nerve cells or muscles

psychedelics: a drug that will create psychedelic or hallucinatory condition

psilocybin: a hallucinogenic alkaloid found in a certain type of mushroom, such as a magic mushroom

functional magnetic resonance imaging: fMRI, a method to visualize brain activities

the beta, gamma, infraslow, theta: kinds of brain waves, so named according to the wavelength

syncopated: shortened

an eddy: a circular movement of water

a metastable state: chemically unstable state in the absence of certain conditions that would induce stability, but not prone to spontaneous transformation

NYU: New York University, a private university located in New York City

ibuprofen: a drug used to reduce pain and inflammation

cannabis: a drug made from the dried leaves and flowers which gives the user a feeling of being relaxed

a fractal: a curve or pattern that includes a smaller curve or pattern which has exactly the same shape

(1) Select the meaning which is most likely to correspond to (A) The challenges in the context of this article. Write the letter of the meaning you have selected.

- (a) unconditional objections
- (b) problems that can be ignored
- (c) strong protests to demonstrate
- (d) confrontations to be tackled
- (e) difficult tasks to accomplish
- (f) threats facing you

(2) Fill in the parentheses ( B ), ( F ), and ( M ) with the most appropriate word from the list below. Change the word form if necessary.

consume

base

hypothesize

estimate

count

request

discuss

address

gather

(3) The following questions are about (C), (D), and (L).

(a) Put the words in the square brackets of (C), (D), and (L) into the correct order.

(b) Select the meaning which is most likely to correspond to the underlined (L). Write the number of the sentence you have selected.

- ① You should return all instruments after using them.
- ② Try whatever you can think of and do.
- ③ Remove everything from the bed in order to have a good sleep.
- ④ You must not use all the tools in the box.
- ⑤ Just try to take people to the hospital by all means.

(4) The following passage describes the main points of the fourth paragraph starting with (E) Spontaneous brain fluctuations. Fill in each blank from ( a ) to ( h ) a word or a group of words from the list below. Change the word form if necessary. Each item can be used only once.

It is ( a ) that although REM sleep and dreaming can improve ( b ) mental states, the sleeping and dreaming states are ( c ) with by antidepressants and even by sleeping pills. REM sleep is one of the ( d ) states of the brain, where ( e ). This activity is described as ( f ). Antidepressants work to ( g ) ( f ), and then, people experience what is called ( h ).

emotional numbness	rest	positive
cut off	water rolls into a ditch	our mind wanders
interfere	negative	spontaneous brain fluctuations
reduce	ideal	increase
neurons are still firing	a primary side effect	ironic
a vital role		

(5) Change (G) know and (H) know into the most appropriate form.

(6) Select the meaning which is most likely to correspond to the underlined (I) Researchers chalked the phenomenon up to “random background noise”. Write the letter of the sentence you have selected.

- (a) Researchers denied the idea of “random background noise.”
- (b) Researchers were impressed with “random background noise.”
- (c) Researchers ascribed the phenomenon to “random background noise.”
- (d) Researchers were able to enhance the phenomenon.
- (e) Researchers measured “random background noise.”
- (f) Researchers improved the phenomenon to make “random background noise.”

(7) With regard to (J) a paradigm shift, what paradigm shift does the author suggest? Complete each sentence by filling in the underlined parts.

Neuroscientists used to consider \_\_\_\_\_.  
However, now the cognitive fluctuations \_\_\_\_\_  
and are viewed as \_\_\_\_\_. The fluctuations are amplified,  
and \_\_\_\_\_.

(8) What is (K) the flux theory? Explain it in about 60 words. Include all of the following words and phrases and underline them on your writing. You must NOT change the word forms.

antidepressants	in contrast	new ways of
flow	spontaneous brain fluctuations	disrupt
depressive thoughts		



2

Read the article below and answer the questions. The words with an asterisk \* are defined in the note section.

## 著作物引用箇所のため非公表

# 著作物引用箇所のため非公表

# 著作物引用箇所のため非公表

(Emily Bobrow, August 14, 2020, *The Wall Street Journal*, truncated and slightly modified)

## \*Notes:

bachelor's: a bachelor's degree, which is the first university degree

a graduate fellowship: the state of being a member of an academic organization who pursues a research-based graduate degree

master's: a master's program to obtain a secondary university degree after finishing a bachelor's program

Halifax, Nova Scotia: Nova Scotia is an eastern province of Canada, and Halifax is its capital.

alma maters: the schools, colleges or universities that one graduated from

Ph.D.: the highest degree awarded to a person whose thesis has been approved by a committee of professors in a graduate school

crustacean: any creature with a soft body that is divided into sections and has a hard outer shell, such as crabs, lobsters, and shrimps

(1) Select the most appropriate sentence for each blank from [ A ] to [ F ] from the list below. Write the letter corresponding to the sentence on the answer sheet.

- (a) I wrote the book because I realized the problems I faced weren't unique to me or because of some flaw I had
- (b) You don't get the credit in that moment, but you will when the job gets done
- (c) The experience, however, inspired Dr. Colwell to use a more interdisciplinary approach to solve complex scientific and medical problems
- (d) The only degree you're going to get is in the maternity ward of a hospital
- (e) The world is open
- (f) There are still plenty of ways to discourage women from pursuing scientific careers

(2) Write an English essay about 250 words in response to both of the following questions (a) and (b) below. If you need to cite what is written in the article, use single quotation marks ( ' ') to indicate the parts you have cited.

(a) What do you think about Dr. Colwell's life-long battles with sexism?

(b) What is your view of inequality between males and females in Japan or in the world?

Do you see any problem?

受 験 番 号					

外 国 語 (英 語) (3-1)	合 計 点

教 科	外 国 語 (英語)
-----	------------

(3枚中の 第1枚)

志望学部・学科	受 験 番 号
医学部・医学科	

- 注 意
- (1) 受験番号は、2か所に記入すること。
  - (2) 試験終了後、下書き用紙は持ち帰ること。
  - (3) 下線から上部、および裏面には解答を書かないこと。

1

(1) \_\_\_\_\_

1(1)
------

(2) (B) \_\_\_\_\_

(F) \_\_\_\_\_

(M) \_\_\_\_\_

(2)
-----

(3) (a) (C) \_\_\_\_\_

(D) \_\_\_\_\_

(L) \_\_\_\_\_

(3)(a)
--------

(b) \_\_\_\_\_

(3)(b)
--------

(4) (a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

(d) \_\_\_\_\_

(e) \_\_\_\_\_

(f) \_\_\_\_\_

(g) \_\_\_\_\_

(h) \_\_\_\_\_

(4)
-----

採 点

受 験 番 号

外 国 語 (英 語) (3-2)	合 計 点

教 科	外 国 語 (英 語)
-----	-------------

(3枚中の 第2枚)

志望学部・学科	受 験 番 号
医学部・医学科	

- 注 意
- (1) 受験番号は、2か所に記入すること。
  - (2) 試験終了後、下書き用紙は持ち帰ること。
  - (3) 下線から上部、および裏面には解答を書かないこと。

(5) (G) \_\_\_\_\_ (H) \_\_\_\_\_ (5)

(6) \_\_\_\_\_ (6)

(7) Neuroscientists used to consider \_\_\_\_\_  
 \_\_\_\_\_  
 However, now the cognitive fluctuations \_\_\_\_\_  
 \_\_\_\_\_  
 and are viewed as \_\_\_\_\_  
 \_\_\_\_\_  
 The fluctuations are amplified, and \_\_\_\_\_  
 \_\_\_\_\_ (7)

(8) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (8)

2

(1) [A] \_\_\_\_\_ [B] \_\_\_\_\_ [C] \_\_\_\_\_  
 [D] \_\_\_\_\_ [E] \_\_\_\_\_ [F] \_\_\_\_\_ 2(1)

採 点



