

令和 7 年度看護学科

一般選抜（前期日程）

総合問題（英語）

注 意 事 項

- 1 問題冊子は、係員の指示があるまで開かないでください。
- 2 受験番号・氏名を解答用紙（2 枚以上ある場合は、全ての解答用紙）に記入してください。
- 3 解答は、問題ごとに、解答用紙の所定の欄に記入してください。

次の英文を読んで問いに答えなさい。

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

Osaka, Shannon : With microplastics, scientists are in a race against time.
The Washington Post (Published March 11, 2024)

問1 次の 1)から 3)の質問に対する答えとして、本文の内容に照らして最も適当なものを(a)～(d)から 1 つずつ選び、解答欄に記入しなさい。

- 1) Where were microplastics first discovered in the air?
 - (a) On the beach where microplastics were also discovered in the fish.
 - (b) In the air at the Vrije University Amsterdam, where Vethaak was working.
 - (c) Somewhere in France, on one of the rooftops of a university in Paris.
 - (d) In a laboratory in Naples where mice were exposed to microplastics.
- 2) What did researchers find in heart disease patients with microplastics in their tissues?
 - (a) They were more likely to have a higher risk of developing breathing problems.
 - (b) They were more likely to develop allergies and poor skin conditions.
 - (c) They were more likely to have a stroke or die within a few years.
 - (d) They were more likely to show dementia-like behavior, such as personality changes.
- 3) What is the challenge with microplastics?
 - (a) There is a lack of research funding from the government, which wants to put the brakes on plastics.
 - (b) It is difficult to find a direct relationship between microplastics and their impact on human health.
 - (c) There is a lack of interest from scientists because of the lack of advanced technology.
 - (d) It is difficult to publish results because this issue has been well-documented for years.

問2 下線部 (ア)・(ウ) の説明として最も適当なもの、及び (オ)・(カ) が示すものとして最も適当なものをそれぞれ(a)～(d)から 1 つずつ選び、解答欄に記入しなさい。

(ア) cousins

- (a) to show the same chemical structure and size.
- (b) to refer to something that is different in some respects.
- (c) to share a common ancestor such as grandparents.
- (d) to imply that something is similar or closely related.

(ウ) we're still at the beginning

- (a) The scientists are at an advanced stage of their research on microplastics.
- (b) The issue is well understood, and researchers are now searching for solutions.
- (c) There's still a long way to go in the researchers' understanding of the issue.

(d) The impacts of microplastics are fully understood and well-documented.

(オ) this

(a) The presence of microplastics in air pollution.

(b) What might happen when light is shined on nanoplastics in the body.

(c) How long microplastics remain in the body.

(d) Research on 272 pieces of microplastic in a 24-hour period.

(カ) this

(a) Allow pollution to destroy the environment carelessly.

(b) Do the right thing and do not hurt anyone on purpose.

(c) Take action to reduce or halt the production and use of plastics.

(d) Study more about how microplastics can damage the body and make people sick.

問 3 次の 1～4 について、本文の内容と一致する場合は○を、一致しない場合は×を解答欄に記入しない。

1. Scientists are upset by how difficult it is to examine the risk to health of microplastics.

2. Microplastics have been found in many human organs studied to date.

3. Microplastics are more difficult for scientists to study than cigarette smoke.

4. The health risks of air pollution have been well-documented, including the presence of microplastics.

問 4 下線部 (イ)・(エ) の [] 中の語 (句) を正しく並べかえたときに、4 番目にくるものを(a)～(e)から選び、解答欄に記入しなさい。

(イ) a clear sense ^(イ)[materials, doing, what, these, are, to, of] the human...

(a) to

(b) materials

(c) of

(d) are

(e) these

(エ) ... and, ^(エ)[on, based, light, scatters, the, that, off] them, determine...

(a) based

(b) scatters

(c) on

(d) light

(e) the

問 5 英文の内容を 100 字以内の日本語で要約し、解答欄に横書きで記入しなさい。