

(解答はすべて解答用紙に記入すること)

第 1 問 次の英文を読み、下の問い (問 1 ~ 3) に答えよ。

Evolution of life is a critical part of the process of planetary self-regulation, ①because it allows organisms to change to take advantage of new opportunities and learn from failures – evolution is self-correction (1) action. Just as the build-up of oxygen in the (2) allowed animal life to appear, (3) the accumulation of any waste is an opportunity (4) new species to evolve to take advantage of it. ② is very different from mere ③, because it allows new life-forms to appear rather than old ones to adapt, leading to much (5) transformations. A species may, for example, be able to adapt to a (6) in its food supply by moving, but (7) many millennia an entirely new species may thereby come into (8), able to exploit a whole new niche in the ecosystem. Think of polar bears, likely (9) from an isolated population of brown bears in an ice (10), but which evolved white fur and an ice-based lifestyle to become the pre-eminent hunter of the far north.

(出典 Mark Lynas. *The God Species*. Fourth Estate, 2012.)

(注) self-regulation, 自己調節; organisms, 生物; many millennia, 何千年; exploit, 築く; niche, 生態的地位; pre-eminent, 優れた

問 1 下線部①について、it が指すものを明らかにしつつ日本語に訳せ。

問 2 空欄 ②、③ に入る正しい単語の組み合わせを、下から 1 つ選んで記号で答えよ。

[(1) Accumulation, evolution (2) Evolution, adaptability (3) Adaptability, accumulation]

問 3 英文の (1) ~ (10) に入れるのに最も適当なものを、それぞれ下のうちから 1 つずつ選んで記号で答えよ。

[(7) age (i) air (j) being (k) descended (l) for (m) greater (n) in (o) over (p) shift (q) so]

第 2 問 次の各文の空欄に入れるのに最も適当なものを、それぞれ(A)~(D)のうちから 1 つずつ選んで記号で答えよ。

1. We'd better leave soon, _____ we will miss the last train.

(A) therefore (B) unless (C) otherwise (D) in order

2. A lot of _____ we read on the Internet is not actually true.

(A) that (B) which (C) what (D) how

3. I had a good time in London, but I hadn't expected it _____ so crowded in March.

(A) to be (B) being (C) had been (D) would have been

4. I can't look at John _____ thinking of his father, as they look so similar.

(A) without (B) in spite of (C) except (D) with regard to

5. It was snowing heavily when I woke up this morning, but by lunchtime it had _____ stopped.

(A) little by little (B) more or less (C) one after the other (D) on and off

6. _____ in France for over a year, I can speak French quite well.

(A) While I lived (B) As I live (C) Living (D) Having lived

7. I don't mind if you disagree with me, but I object to _____.

(A) shouting at me (B) being shouted at (C) you shout at me (D) you shouldn't shout

8. I really wish I could visit you while I'm in Tokyo, but _____ I won't have enough time.

(A) I doubt (B) I wonder (C) I'm afraid (D) I'll see

9. The Wilsons live in the _____ house at the end of our street.

(A) old, big, white (B) old, white, big (C) big, white, old (D) big, old, white

10. _____ that I myself would become a doctor one day.

(A) I imagined never (B) Never did I imagine (C) Did never I imagine (D) Never I did imagine

第 3 問 英文の(1)~(12)に入れるのに最も適当なものを、それぞれ下のうちから 1 つずつ選んで解答欄に記入せよ。
必要に応じて、語形を変えよ。

If the actual cloning of a lamb was an act of utter pragmatism, the work leading (1) to it came from a tradition of utter romanticism. Long before anyone knew the (2) of genes, long before there was (3) a thing as molecular biology, biologists had (4) of cloning. The idea came not because mad scientists wanted to create (5) of identical twins of (6) or people, but because cloning turned (7) to be deeply (8) to their efforts to understand the abiding (9) mysteries of development and the psychological mysteries of identity.

Ever (10) the time of the ancient Greeks, philosophers and scientists have asked how complete human beings could (11) from fertilized eggs. The Greeks decided that each sperm had within it a tiny human, (12) to the naked eye.

(出典 Gina Kolata. *Clone: The Road to Dolly and the Path Ahead*. Penguin Books, 1998.)

(注) utter pragmatism, 全くの実用主義; molecular biology, 分子生物学; abiding, 不変の; fertilized eggs, 受精卵; sperm, 精子

[animal / arise / biological / hundred / invisible / nature / out / since / such / think / tie / up]

第 4 問 次の各文の()内の語を、正しい語順に並べ替えよ。

1. It was (see / I / so / could / that / dark / hardly) the path in front of me.

2. Sometimes a (need / you / sleep / is / good / night's / all) to recover from illness.

3. My doctor (back / me / work / advised / going / against / to) so soon after my operation.

第 5 問 次の日本語を英語で表現せよ。

1. またお話しする機会を楽しみにしています。

2. あなたの問題が何であろうと、解決に努めなければならない。