

(解答はすべて解答用紙に記入すること)

I. 次の英文を読み、下の各問に答えなさい。

If a theory passes an experimental test, it is (1) a sense corroborated, but ①it can never be confirmed or proved ultimately 'true', for no amount of observation or experiment can establish the truth of a theory with absolute certainty. There is always the (2) that one day a crack will be found in the edifice of the theory. If the theory fails the (3), however, it faces a much harder challenge. Sometimes the (4) can be shown to be faulty, either in execution or (5). Even so, a single, well-designed experiment can be (6) to dismiss a theory outright. As Einstein supposedly once (7) it: "No amount of experimentation can ever prove me []; a single experiment can prove me []." This notion led the Viennese philosopher of science Karl Popper (8) the concept of 'falsifiability' as the defining characteristic of true (9): a theory is scientific (10) if it can—at least in principle—make predictions that can be shown to be false.

(出典 Jheni Osman. *100 Ideas That Changed the World*. BBC Books, 2011.)

(注) corroborated, 裏付けられる; edifice, 体系; execution, 実施; outright, 完全に; falsifiability, 反証可能性
問 1. 下線部①を日本語に訳しなさい。

問 2. 文中の[]に当てはまる正しい順番の語の組み合わせを下から一つ選び、記号で答えなさい。

[(1) right, right (2) right, wrong (3) wrong, right (4) wrong, wrong]

問 3. 文中の空所(1)~(10)に入る適語を、重複しないように下の(ア)~(イ)から選び、記号で答えなさい。

[(ア) design (イ) enough (ウ) experiment (エ) in (オ) only (カ) possibility (キ) put (ク) science (ケ) test (コ) to]

II. 次の各文の下線部に入るもっとも適当なものを(A)~(D)からひとつ選び、その記号を解答欄に記入しなさい。

- You can trust Mr. Mills. He is the last person _____ a lie.
(A) telling (B) that he tells (C) to tell (D) told
- Many of my friends are _____ that I was born in Canada.
(A) unaware (B) unknown (C) unconscious (D) unheard
- When I first met Mary, _____ that one day she was to become my wife.
(A) what I hardly knew (B) little did I know (C) I didn't know much (D) as far as I knew
- Our tennis club has free coaching sessions _____.
(A) every next week (B) every other week (C) each another week (D) two weeks each
- _____ I remember correctly, we met once before at a wedding.
(A) When (B) Though (C) If (D) However
- I'd like to _____ advantage of the opportunity to visit the Louvre Museum while I'm in Paris.
(A) use (B) have (C) make (D) take
- If you had left when I told you to, you _____ the bus.
(A) would never miss (B) have not missed (C) wouldn't have missed (D) didn't miss
- _____ popular belief, Sydney is not the capital of Australia.
(A) Contrary to (B) Aside from (C) With regard to (D) Except for
- There is a wonderful _____ of the city from the top of that mountain.
(A) scenery (B) image (C) picture (D) view
- The coach criticized us _____ not doing our best.
(A) about (B) of (C) for (D) by

III. 文中の空所(1)~(12)に入る適語を重複しないように下から選び解答欄に記入しなさい。その際必要なら語形を変えなさい。

Whenever I'm teaching people about "body language," this question is invariably asked. "Joe, what got you interested in (1) nonverbal behavior in the first place?" It wasn't (2) I had planned to do, (3) was it the result of some long-term fascination with the topic. It was much more down-to-earth than that. It was an interest born of necessity, the need to (4) successfully to a totally new way of (5). When I was eight years old, I came to America as an exile from Cuba. We left just a few months after the Bay of Pigs invasion, and we honestly (6) we would be here only for a short while as refugees.

Unable to speak English at first, I did what (7) of other immigrants coming to this country have (8). I quickly learned that to fit (9) with my new classmates at school, I needed to be aware of—and sensitive to—the "other" language around me, the language of nonverbal behavior. I found that was a language I *could* translate and understand (10). In my young (11), I saw the human body as a kind of billboard that transmitted (advertised) what a person was thinking via gestures, facial expressions, and (12) movements that I could read.

(出典 Joe Navarro. *What Every BODY Is Saying*. HarperCollins Publishers, 2008.)

(注) invariably, いつも; fascination, 魅惑; down-to-earth, 現実的な; exile, 亡命者; invasion, 侵略; refugee, 難民;

[adapt / do / immediately / in / life / mind / nor / physical / something / study / think / thousand]

IV. 次の各文の()内の語を意味が通るように並べかえなさい。

- I hope that this program will (an / take / encourage / in / to / teenagers / interest) classical music.
- The medicine has (effective / treating / found / in / to / be / been) the disease.
- The population of China is (of / as / as / that / ten times / large / about) Japan.

V. 次の日本語を英語で表現しなさい。

- 今あなたがしなければならないことは医者に診てもらふことだ。
- もし本を読む価値があるなら買う価値がある。