

2020年度 広島大学 前期 英語

〔I〕

速く歩く人は体重に関らず平均余命が長く、遅く歩く人は短く、BMI20未満の人は特に短い。肥満と余命の関係についての調査研究では、複数の国で、体力がある場合、肥満の人の死亡リスクは低いですが、肥満度よりも歩行速度の方が一般的な体力と身体機能の尺度として優れている。肥満が最大のリスクだという想定とは対照的に、痩せていて遅く歩く人が最も死亡リスクが高い。歩行と余命の因果関係は示されていないが、健康のために体力を向上させるには、日常的に歩行速度を意識して上げるのがよい。(231字)

〔II〕

問1 (A) (2) (B) (2) (C) (3) (D) (4)

問2 (ア) (1) (イ) (3) (ウ) (3) (エ) (4)

問3 ナオミはフランケンシュタインのようなホラー小説に、たいして興味がないということ。

問4 profound

問5 (1) × (2) × (3) ○ (4) ×

〔III〕

問1 (c)

問2 (A) (4) (B) (4) (C) (2)

問3 白人生徒が通う学校と比べ、黒人生徒が通う自分たちの学校の校舎やその設備が劣悪なものだったため、高校生のバーバラは新たな校舎の建設を望んだが、その訴えがアメリカ合衆国の教育制度全体を変える画期的な裁判へとつながったこと。

問4 (2)

問5 (3)

〔IV〕

問1

(A) (2) (B) (3) (C) (4) (D) (1)

問2

大学、病院付属の研究機関、生物工学や人工知能など成長期にある諸産業において、新しい医学的治療法や自動運転の車などの刺激的な技術革新が生み出されている。

問3

(1) push forward (2) Scientific innovation

問4

使命は科学を一般の人々にもなじみのあるものにすることであり、講演や様々なテーマでのパネルディスカッション、食事しながらの会話を通して一般の人々が科学者と触れ合う機会を設けることで成し遂げられている。

[V]

[A]

<解答例 1 >

(97) 語

The estimated number of cats kept in Japan decreased from 2014 to 2015, but it began to increase in 2015. The number rose sharply from 2016 to 2018. The estimated number of pet dogs in Japan, on the other hand, continued to drop from 2014 to 2018. This change may have been due to a drama series broadcast on TV in 2016. The story was about a broken family picking up a kitten and reconnecting. It is not hard to imagine that people who watched the series chose a cat when they wanted to have a pet.

<解答例 2 >

(88) 語

The graph shows that from 2014 to 2018 the number of pet dogs constantly decreased. On the other hand, the number of pet cats, which dropped between 2014 and 2015, started to rise in 2015 and shot up from 2016 to 2018 in sharp contrast to the steep decline in the number of dogs. This shift might be partly explained by the rapid increase in elderly people, who tend to prefer cats because they are easy to take care of and don't need to be walked every day.

[B]

<解答例 1 >

(94) 語

I think the advantage of having a pet is that you can interact with nature. Any pet is a natural product, not an artificial one. For example, I have medaka, or Japanese killifish. Near my house there is a river flowing into Lake Biwa. Its water is clean and several types of fish are found swimming there. I caught about ten medaka in it and kept them in a bowl at home. Four died at a pace of one per month, but they also bred. Even such small pets showed me a life cycle.

<解答例 2 >

(91) 語

Pets can improve your physical and mental health in various ways. For example, if you have a dog, you need to walk it every day and sometimes play with it in the park, which gives you good exercise. The cute, humorous behavior of cats and dogs makes you laugh and smile, which reduces your stress. When you are depressed, feel lonely, or want to complain about something, you can get comfort by talking to them. Unlike human friends or your spouse, they will listen to you without giving a negative response.