

I

- 問1 自分の周囲に積もっている雪は塩と同じくらい肉を保存する効果があるかもしれないという説。
- 問2 気温は風邪には何の影響もないということが多くの実験で示されたが、その後、通常より低い体温で風邪のウイルスに対する免疫反応が低下するということが発見され、鼻にウイルスがある場合に体を冷やすと風邪の症状が重くなるということがわかったという実例。
- 問3 経験的な探求によって得られる事実は、純粹な論理によって確立されず、100パーセントの確実さで確立できるものでもない。
- 問4 私たちが真理であると思っていることは常に広く検証される余地があり、それによって、検証に合格した真理はさらに信頼できるものになる。
- 問5 (1) ウ (2) イ (3) ア (4) エ

Ⅱ

- 問1 単なる商品の消費や利用よりむしろ、情報やサービスを重視する脱工業化の時代に向かいつつあるという考え。
- 問2 (イ)→(ア)→(エ)→(ウ)
- 問3 (ウ)
- 問4 例えば、インターネットによって利用可能な照明のスイッチは、家の所有者がスマートフォンで照明をつける時と消す時を設定したり、同じスマートフォンから照明のスイッチを手動で操作したりできるようにするだけではなく、このスイッチが家中のすべての照明の電力消費を分析するソフトウェアと接続され、おすめを提示して、お金が節約できるようにもなる。
- 問5 (イ) (エ) (キ)

Ⅲ

(1) ① a            ② c            ③ b            ④ d

(2)

(a) Bradley might want to join the equestrian club for three reasons. First, he has had difficulty making new friends and might want to have more friends at college. Second, he spends most of his free time only studying and might hope to enjoy other activities. Finally, he might hope that, like Kaede, he also receives helpful advice from his seniors. (60words)

(b) Bradley might not want to join the equestrian club for three reasons. First, the club might make demands on his free time. Second, the senpai-kohai system can generate a lot of peer pressure that can sometimes be rather harsh. For example, when he joins the club, he might be forced to shovel out horse stalls. Finally, he is a little scared of horses and can't imagine riding one. (68words)

Ⅳ

(A) 解答例① It is the pure desire to go deeply into the truth of the unknown world no one has reached that supports “culture” ranging from the field of arts, such as fine arts and music, to that of performing arts.

解答例② I want to reach the goal that no one has ever accomplished. Such a genuine desire supports “culture” in the field of art, music, and entertainment.

(B) 解答例① A group of people called ‘scientists’ are those who can enjoy challenging the limit of the knowledge. It is a culture that includes process itself leading to challenging the limit as well as their results. The difference between what is useful and what is useless doesn’t make any sense to ‘culture.’

解答例② Those who are called scientists make it a pleasure to push the envelope in their discipline. What is all about ‘culture’ contains the very process of exploring as well as the result. It makes no sense to ‘culture’ to draw a boundary between what is useful and what is useless.