

医学部 (医学科)

<パート1>

設問1

1. (a) 2. (a) 3. (b) 4. (c)

設問2

眼科学会にはiPS細胞についての十分な知識がなく、iPS細胞を用いた移植による治療計画が危険であると考えた。また基礎研究の世界では、どのような種類のリスクに耐えられるかといったような臨床の状況が知られていないため、多くの人が移植計画を推進するのに反対した。Takahashiは医師や科学者、研究者、製薬産業の間でさらなる共同研究が必要だと考えている。

医学部 (医学科)

<パート1>

設問3

診療所、研究所、医療の世界における新規事業といった、異なっているが関連する要素を1か所に集めて共同研究を促進し、病院のようには見えず、患者が足を運びたいと思えるような病院。

設問4

(a) (c) (f)

医学部 (医学科)

<パート2>

設問1

- ① wealthy
- ② suggests
- ③ point
- ④ across
- ⑤ affected
- ⑥ whatever
- ⑦ impact
- ⑧ suffer
- ⑨ disability
- ⑩ reviewed
- ⑪ participants
- ⑫ criteria
- ⑬ prevalence
- ⑭ experienced
- ⑮ differed
- ⑯ happier
- ⑰ disparities
- ⑱ underestimated
- ⑲ protocols
- ⑳ nuances

医学部 (医学科)

<パート2>

設問2

1.

Although (estimated) rates of depression were high, around 20 percent, in high-income countries, Japan's (estimated) rate of depression was relatively low at 6.6 percent.

2.

The study found that women were twice as likely as men to suffer from depression no matter where they lived.

医学部 (医学科)

<パート3>

I would wish for a space shuttle for my family and myself. I would like to travel in space, see what the earth looks like with my own eyes, and at the same time, give the gift of space travel to my family.

Since I was a child, I have been interested in space and studied about it. So, I had a dream of engaging in some job related to space. However, my family was poor, so I couldn't attend a school where I could learn about such a topic. Instead of attending school, I always looked at picture books about space and thought deeply about it.

If I got a space shuttle, I could see our own planet, and my childhood dream would come true. Moreover, I could take my family to space and have a wonderful time. I'd especially like to take my father, who has worked for a company that produces parts for rockets. He always said, "I am proud that our products are supporting Japan's space industries. I hope the day will come when we can travel anywhere in a rocket."

My father works hard night and day, so I want to give him a present that we can't imagine in our usual life. That is why I would wish for a space shuttle.

(218 words)

医学部 (医学科)

<パート3>

【別 解】

If I were given one wish, I wouldn't wish for a superpower. I would wish for a law that would make it possible for people without means to receive life-saving treatment.

Medical technology has progressed remarkably in recent years, and the remarkable progress has made it possible to treat diseases which otherwise were difficult or impossible to treat. At the same time, the treatment for those serious diseases is becoming more and more expensive, so that only a handful of people who are wealthy can afford to receive it, and many other people who are not wealthy cannot receive it even if they want to.

One of those people is my friend Takashi, who I have known since we were children. Takashi, whose parents are not rich, suffers from a serious disease which leads to death. There was no treatment for this disease, but recently, several effective treatments have been found. Takashi cannot receive any of these treatments, because his parents don't have enough money for them.

In order to change this situation, we need a law which allows patients like Takashi to receive expensive treatment when they can't afford it. So I wish for this kind of law, so that patients like Takashi can live longer.

(207 words)