

I 次の英文を読み、下記の設問に答えなさい。

(\*の付いた語は注を参照すること)

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【出典：Rees, M. (2020, May). “The Good Scientist,” *Aeon*. 出題の都合上、原文の一部に変更を加えている。】

注

the Higgs boson ヒッグズ粒子

設 問

1.  ～  に入るもっとも適切な表現を選び、記号で答えなさい。各記号は1回のみ使用できるものとする。

- (A) along with      (B) between      (C) either      (D) from  
(E) such as      (F) than      (G) to      (H) within

2. [ お ]～[ き ]に入るもっとも適切な表現を選び, 記号で答えなさい。各記号は1回のみ使用できるものとする。文頭に入る場合も小文字で表記してある。
- (A) as a result    (B) for example    (C) in addition    (D) in conclusion  
(E) in contrast    (F) secondly    (G) to my surprise
3. 下線部(1)の“the guiding spirit”の内容を表すもっとも適切な文を以下から1つ選び, 記号で答えなさい。
- (A) The Royal Society accepts scientists, but not humanities scholars.  
(B) The Royal Society conducts even gruesome experiments by obeying health and safety rules.  
(C) The Royal Society gathers information from around the world and covers a variety of disciplines.  
(D) The Royal Society sends its fellows to various parts of the world to make a world map.
4. 下線部(2)はどういった状況の例として述べたものか。60字以内の日本語で説明しなさい。
5. 下線部(3)を日本語に訳しなさい。
6. 下線部(4)の内容を, チャールズ・ダーウィンの時代と対比して, 70字以内の日本語で説明しなさい。
7. 下線部(5)を日本語に訳しなさい。

II 次の英文を読み，下記の設問に答えなさい。

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【出典：Blumhorst, E., Kono, S., & Cave, J. (2020). An exploratory study of adaptive scuba diving's effects on psychological well-being among military veterans. *Therapeutic Recreation Journal*, 54 (2). 173-188. 出題の都合上，原文の一部に変更を加えている。】

注

spinal cord	脊髄
spasticity	痙攣
paraplegia	対麻痺

設 問

1. 

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 に入るもっとも適切なものを選び、記号で答えなさい。各記号は1回のみ使用できるものとする。選択肢の先頭の語はすべて小文字で表記してある。

- (A) adaptive scuba diving allows individuals with disabilities, such as spinal cord injuries, to dive as independently and safely as possible
- (B) many scuba divers participate to find a sense of peace, tranquility, and calm
- (C) scuba diving is a recreational activity that is associated with adventure tourism
- (D) the water offers opportunities that are not found anywhere else

2. [ お ] ~ [ け ] に入るもっとも適切な単語を選び、記号で答えなさい。各記号は1回のみ使用できるものとする。

- (A) damage (B) have (C) inform (D) learn (E) monitor (F) prepare

3. 下線部(1) “social benefits” について説明した以下の文の空所に本文に即して7語以内の適切な英語を補いなさい。

By becoming a diver, an individual becomes \_\_\_\_\_ .

This brings a sense of belongingness.



4. 次の(A)~(D)のうち下線部(2)“a meditative experience”に役立つ要因として最も適切なものを本文に即して1つ選び、記号で答えなさい。
- (A) Divers are surprised by a rhythmic background noise.
  - (B) Divers' bodies become paralyzed.
  - (C) Divers cannot hear anything, including their own breathing sound, in a silent underwater environment.
  - (D) Divers use their breathing sound as a point to be focused on.
5. 下線部(3)を, “This pressure”が具体的に何を指すのかがわかるようにして, 日本語に訳しなさい。
6. 下線部(4)“this gap”の具体的内容を本文に即して日本語で説明しなさい。

III At the cinema, Michael is talking with his friend Louise. They are waiting in line to buy their tickets. Read the text and answer the questions.

**Michael:** So what is this film we are going to see?

**Louise:** It's called *La Strada Polverosa*, which means 'The Dusty Road' in English.

**Michael:** Wait, this movie isn't in English?

**Louise:** No, it's an Italian film.

**Michael:** You mean I'm going to have to read subtitles?

**Louise:** Yes. Do you mind?

**Michael:** Well, I prefer to see films in English. It makes it  for me to follow and understand. Plus, I like being able to focus on the visuals. If I'm having to read subtitles it means I'm not able to watch the film.

**Louise:** Well, this film doesn't have that much dialogue, so you should be fine. It's very famous. It was  in 1967 by the filmmaker Lorenzo Bianchi.

**Michael:** Wait, this is an old movie? Is it even in colour?

**Louise:** No, it's in black and white. Is that a problem?

**Michael:** It's not a problem, but I prefer to see recent films. I love big, expensive action movies with state-of-the-art special effects and big explosions.

**Louise:** Well, we could see another movie if you like, but we would have to go somewhere else. They only show arthouse films at this cinema.

**Michael:** What's an arthouse film?

**Louise:** An arthouse film is an artistic or experimental film, as opposed to a film that is simply entertaining.

**Michael:** So expensive action movies with big explosions aren't arthouse

movies?

**Louise:** No. Definitely not.

**Michael:** That sounds a bit elitist.

**Louise:** Perhaps. I don't just watch arthouse movies, though. Sometimes I enjoy watching action movies or romantic comedies. I think it's important to see a wide range of different films. It's good to [ か ].

**Michael:** Why are you so keen on seeing this particular old movie?

**Louise:** It's enormously influential. Many contemporary artists credit it as a source of inspiration. Not only filmmakers, but also artists, fashion designers, and architects all regard it as an important cultural landmark.

**Michael:** Have you seen it before?

**Louise:** Yes, but only on television. It's one of my favourite movies. Now I finally have the chance to see it on the big screen.

**Michael:** Do you think seeing a movie at the cinema is very different from seeing it on TV?

**Louise:** Absolutely. Whether you're seeing an arthouse movie or an action movie with lots of explosions, it's much more thrilling to see it on the big screen. I'd watch all movies at the cinema if I could.

**Michael:** You're really passionate about movies.

**Louise:** It's almost an obsession.

**Michael:** How long is this movie we're going to see?

**Louise:** Three hours and forty-five minutes.

**Michael:** Wow, that's  four hours! I could see several other movies in the same time.

**Louise:** Right, so you'll be getting  for money with this film.

**Michael:** That's an interesting way of looking at it.

**Louise:** I've heard of a Hungarian film that was released in 1993 that runs

for over seven hours.

**Michael:** Seven hours? I don't think I could sit 才 for that long.

**Louise:** I think you would need to take some food with you. As well as something to drink.

**Michael:** And you'd need at least one bathroom break.

**Louise:** I think I'd rather see a crass action movie than a seven-hour arthouse film.

**Michael:** Maybe we could find an arthouse movie with a bit of action next time. Something in between that satisfies both our tastes.

**Louise:** An arthouse action movie? I've never heard of such a thing, but I'm sure it's possible.

**Michael:** Maybe we'll see one in the trailers before the movie.

**Louise:** That's a good idea. Let's go get our seats so we're ready before the film starts.

## QUESTIONS

1. Select the most appropriate words from the list below to fill in the blanks

to . Answer using the letters (A) to (J). Do not use any letter more than ONCE.

- (A) asleep    (B) easier    (C) film    (D) longer    (E) made  
(F) nearly    (G) precisely    (H) still    (I) thought    (J) value

2. Select the most appropriate expression to fill in the blank [ か ].

- (A) appreciate what you have  
(B) broaden your horizons  
(C) look before you leap  
(D) make a long story short  
(E) take a rain check

3. Based on the conversation, which one of the following is NOT true?

- (A) Louise is seeing *La Strada Polverosa* for the first time.  
(B) Louise occasionally enjoys romantic comedies.  
(C) Michael likes films with explosions.  
(D) Some fashion designers have been influenced by *La Strada Polverosa*.  
(E) The film Louise and Michael are about to watch is Italian.

4. Based on the conversation, which TWO of the following are true?
- (A) Louise does not watch action movies.
  - (B) Louise thinks watching films on television is better than going to the cinema.
  - (C) Michael questions the concept of arthouse films.
  - (D) Michael watches a lot of arthouse movies.
  - (E) Michael would prefer not to have to read subtitles.
5. Do you think cinemas will exist in the future? Explain your answer in around 30–40 words. (Indicate the number of words you have written at the end of the composition.)

**IV** Read the following instructions carefully and write a paragraph in English.

The figure below displays data from a study of bicycle use and safety in various countries. Describe the data in the line and bar graphs and what they reveal together. Then explain one or more possible reasons for what you observe. Write approximately 80–100 words.

(Indicate the number of words you have written at the end of the composition.)

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(Adapted from the following source: Cycling Health and Safety, OECD 2013)