

- ・辞書・参考書等は使わずに答えてください。  
 ・適切なクラスで受講するために、自信をもって答えられたものだけを正解とすることをお勧めします。

1. 次の英文を読んで、後の設問に答えなさい。( \*印の語は下に注があります) (各2点 配点12点)

A \*biological clock is an internal timing system that controls repeating patterns, or rhythms, of living creatures. (1)With the possible exceptions of viruses and bacteria, every form of life seems to measure time internally and changes its behavior according to information from these biological clocks. (2)\_\_\_\_\_

\_\_\_\_\_ Many plants have a daily cycle of opening their leaves during daytime but (3)(let) them \*droop or fold at night. In humans, daily rhythms include the wake-sleep cycle, \*glandular secretions, highs and lows of body temperature, and the eliminations of wastes. This has been confirmed in studies of people living in continual sunlight and in experiments in caves. Circannual rhythms have (4)\_\_\_\_\_ long cycle. For instance, deciduous trees drop their leaves in the fall and grow leaves again in the spring. Birds respond to the lengthening days of spring by preparing for mating.

Why do creatures have internal clocks? One reason is that these clocks regulate the sequence of \*tissue and organ development in many kinds of life. (5)\_\_\_\_\_

\_\_\_\_\_ Biological clocks seem to be crucial in the migrations of some bird species. (6)The golden plover leaves Alaska in late summer and flies 3,000 kilometers to the Hawaiian island, an amazing \*feat made possible only by combining internal timing information with sightings of the stars and sun.

- \*biological clock: 体内時計      \*droop: しおれる      \*glandular secretions: 腺分泌  
 \*tissue: 細胞組織      \*golden plover: ムナグロ(鳥の種類)      \*feat: 離れ業

- (1) 下線部(1)の内容として最も適切なものはどれか。  
 ① 「ウイルスとバクテリアを例外とすることは可能であるが」  
 ② 「ウイルスとバクテリアは例外かもしれないが」  
 ③ 「潜在能力のあるウイルスとバクテリアは例外であるが」
- (2) 下線部(2)に補うのに最も適切な文はどれか。  
 ① The most common biological rhythms are called circadian rhythms that occur once a day.  
 ② Plants present a large variety of rhythms; daily, seasonal, and yearly.  
 ③ This information seems to help us human beings to stay in good physical condition.
- (3) 下線部(3)の語形変化として最も適切なものはどれか。  
 ① have let      ② to let      ③ letting
- (4) 下線部(4)に補うのに最も適切な語はどれか。  
 ① such a      ② another      ③ a year
- (5) 下線部(5)には以下のア～ウの3文が入る。どの順番で補うのが最も適切か。  
 ア An important reason for circadian rhythms is to ensure that an animal is active when food is available or danger least likely.  
 イ A plant that produced flowers before it grew roots would die.  
 ウ Mice arise at dusk and are active all night when food is available but enemies are asleep.
- ① ア → イ → ウ      ② ア → ウ → イ      ③ イ → ア → ウ  
 ④ イ → ウ → ア      ⑤ ウ → ア → イ      ⑥ ウ → イ → ア

(6) 下線部(6)で筆者が伝えたいこととして最も適切なものはどれか。

- ① The golden plover has a surprising sense of direction that enables it to travel 3,000km.
- ② The internal clock plays an important role in the bird migration.
- ③ Alaska and Hawaii are too far apart to travel without observing the stars and sun.

2. 以下の日本文とその内容を表す英文を読み、空所に補うのに最も適切な語句を選びなさい。

(各2点 配点8点)

社会はその社会にふさわしい新聞をもっているとよく言われる。言い換えれば、新聞の質はその社会の人々の趣味と知的水準によって決まる。

It is often said that (1)\_\_\_\_\_ a newspaper (2)\_\_\_\_\_. (3)\_\_\_\_\_, the quality of the newspaper is determined by the (4)\_\_\_\_\_ and intellectual levels of the people in the community.

- (1) ① community has                      ② any communities have              ③ each community has
- (2) ① appropriate for the society      ② that reflects it                      ③ which suits itself
- (3) ① In other words                      ② In another word                      ③ In the other word
- (4) ① recreations                          ② hobbies                                  ③ interests

3. 各英文が文法的・意味的に正しくなるように適切な語句を選びなさい。(各2点 配点30点)

- (1) The festival was not so successful, [ ① however / ② though ] we had spent three months preparing for it.
- (2) I'd like to get one like that [ ① Tom's watch / ② watch of Nancy's ].
- (3) There [ ① remains / ② is remained ] a wide gap between our opinions about the plan.
- (4) I'm afraid these books are not [ ① worthwhile to read / ② worth reading them ].
- (5) Some people claim [ ① what / ② that ] modern life would be impossible without computers.
- (6) The residents [ ① objected / ② opposed ] to the construction of the factory.
- (7) Most doctors [ ① doubt whether / ② suspect that ] smoking has much to do with cancer and advise their patients to quit smoking.
- (8) My father told [ ① to me not to / ② me not to be ] afraid of making mistakes.
- (9) I remember [ ① to see / ② seeing ] that gentleman but I just cannot remember his name.
- (10) The movie was not so thrilling and I soon got [ ① boring / ② bored ].
- (11) He was deprived [ ① with / ② of ] his civil rights.
- (12) I was surprised that you should have done the work in [ ① a so short / ② so short a ] time.
- (13) I would like him to ask me for help [ ① in case he / ② should he ] have any trouble.
- (14) Recently the number of car accidents [ ① is increasing / ② has decreased ] in this city.
- (15) He [ ① was / ② has been ] in Britain for five years but now he is back in Pakistan.